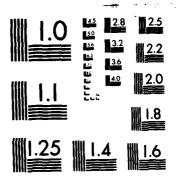
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MARY OF METEOROLOGICAL OBSERVATIONS, SURFACE

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9. PERFORMING ORGANIZATION NAME AND ADDRESS		10. PROGRAM ELEMENT, PROJECT, TASK TAREA & WORK UNIT NUMBERS
Naval Oceanography Command Detachm	ent	AREA & WORK UN! NUMBERS
Federal Building		
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11. CONTROLLING OFFICE NAME AND ADDRESS		12. REPORT DATE
Commanding Officer		September 1984
Naval Oceanography Command Facilit	:v	13. NUMBER OF PAGES
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14. MONITORING AGENCY NAME & ADDRESS(If differen	t from Controlling Office)	15. SECURITY CLASS. (of this report)
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- 18. SUPPLEMENTARY NOTES
- 19. KEY WORDS (Continue on reverse side if necessary and identify by block number)

Climatology, surface wind, temperature, precipitation, ceiling, visibility, relative humidity, station pressure, extreme temperatures, sea level pressure, daily temperature, weather conditions, monthly climatology, coastal region, snow depth, and cloud cover

20. ABSTRACT (Continue on reverse side if necessary and identify by block number)

This data report consists of a six part statistical summary of surface weather observations. The six parts are: Part A - Weather Conditions/ Atmospheric Phenomena, Part B - Precipitation/Snowfall/Snow Depth, Part C - Surface Winds, Part D - Ceiling versus Visibility/Sky Cover, Part E - Psychrometric Summaries, Part F - Station Pressure/Sea Level Pressure

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

# SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE

This update includes the period of record (POR) 1973 through 1982, with all available data through 1982 for extreme values.

The retention of these summaries will provide the most comprehensive climatological file for This summary should be retained by individual stations along with the SMOS prepared in 1973. your station.

porting forms and combined into Summary of the Day observations (prepared from record-special, Preceding each section is a brief description of the data comprising each part scheduled 3-hourly intervals. Daily observations are selected from all data recorded on reof the summary and the manner of presentation. Tabulations are prepared from 3-hourly and daily observations recorded by stations operated by the U.S. Navy and U.S. Marine Corps. 3hourly observations are defined as these record or record-special observations recorded at local, summary of the day, remarks, etc.). DESCRIPTION:

quality of the data after summarization are expensive, i.e., the improvement might consist of the elimination of one suspect or erroneous value. The cost of preparing "perfect" copy can be prohibitive due to the handwork involved. Suspect cases will occur infrequently, but users sistency and reasonableness prior to, or during the processing stage. Efforts to improve the Since most stations summarized now have in excess of 10,000 3-hourly observations, the occureffort is made by this office to maintain a high degree of accuracy and reliability in these should not disregard extreme values completely as some could be valid. Questionable values will most likely be single occurrences shown by a percentage frequency of "O". (This value indicates a percent less than ".05," which, in most cases, reflects a single observation.) tables, and the Naval Oceanography Command Detachment (NOCD), Asheville, N.C. welcomes your COMMENT: All observations summarized in this tabulation have been computer edited for conrence of an occasional spurious value should not in itself be considered significant. comment and criticisms.

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#### PART A

#### WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from 3-hourly observations, and is presented in three tables as follows:

- By month and annual, all hours and years combined.
- By month and annual, all hours and years combined, by wind direction.
- . By month, all years combined, by standard 3-hour groups.

Occurrences of the various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tormado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

Hail Occurrences of hail and small hail are included.

Since more than one type of precipitation may be reported in the same Percentage of observations with precipitation - Included in this category are the observations when one or observation, the sums of the individual categories may exceed the total columns. more of the above phenomena occurred.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources.)

Dust and or sand - Included are blowing dust, blowing sand, and dust.

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision.

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to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction reflect the total observations with reduced visibility. Percentages The total number of observations may vary among tables within the same month and period. may not always equal 100.0 due to rounding practices. NOTE:

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# ATMOSPHERIC PHENOMENA

PART A

This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms and combined into a daily observation.

may occur in the same daily observation, the sum of the values in the individual columns may not equal the centage of observations. Since more than one type of precipitation or more than one type of obstruction The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH PRECIPE IN THE PRECIPE OF OBS WITH PRECIPE

This presentation is by month with annual totals, and is prepared with all years combined.

A day with rain and/or drizzle was not separately reported in WBAN data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later. NOTE:

A day with dust and/or sand was punched and included in this summary only when visibility was less than 5/8 mile.

Summary consists of weather conditions (horizontally) and wind directions (vertically) to 16 compass points Percentage Frequency of Wind Direction vs. Weather Conditions - This tabulation is derived from 3-hourly The main body of the "% Total" indicates percentage frequency observations and is presented by month and annual, all hours and years combined. Column totals show the number of observations. of occurrences.

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SNOW AND/OR SLEET													
FREEZING RAIN &/OR DRIZZLE													
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THUNDER- STORMS	1.0	•	•	}•É	<b>0 •</b> ∫	₹.	•	€ ¥					
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% OF OBS WITH OBST TO VISION	ر ف ان ان ا	2 ° 13 E	r-4 • • • •	اد و • ال	1. • 12 Y	<b>2</b> • 3	5.3.3	f 3 • 7			9.4.
DUST AND/OR SAND				:							
BLOWING											
SMOKE AND/OR HAZE	£4.5	41.	55.	:1·c	3.1.3	មិត្ត ប៊ូ	#6.	1. t			2 = 2 %
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% OF OBS WITH PRECIP.	***	200	3	(A) - - - - -	•	`•7	7.7	<b>N</b> 1			•
HAIL											
SNOW AND/OR SLEET											
FREEZING RAIN &/OR DRIZZLE											
RAIN AND/OR DRIZZLE	€4 •0 •0	(9	3	6.5	2.7	9.7	7.7	3 • 5			•
THUNDER. STORMS	•	<b>)</b>	•	, , , , , , , , , , , , , , , , , , ,	( a b	C++	. • 2	: •1			5.
HOURS (L.S.T.)	٠.	ë,	7	. 4		• ••	Ŧ	r			
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HTMOA	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	503	SMOKE AND/OR HAZE	BLOWING	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
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MONTH JANUA Y 1073-F CEMBIO 1982 DY AMERICA OF LED

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HOURS (L.S.T.)

NO WEATHER	6.5.01		47.7	# 0 € #	63.6	45.1	€5.3	32.4	SO.4	46.4	54.7	60.5	h • 6 9	73.5	68.3	70.4		$\bigvee$	1465	29.5
BLOWING SAND AND DUST																		$\bigvee$		
BLOWING	j																	$\bigvee$		
SMOKE	15.1	18.9	10.5	25.3	1.5	15.	15.0	32.4	20.8	24.8	23.0	24.5	16.9	15.5	18.6	10.7		Ž	450	18.5
GROUND FOG	3.1	3.6	1.6	9	9.1			2.	3.2	15.2	6 . 8	7	7.7	3.2	•	2.0		X	.∵ <b>⊅</b> €	5.6
50	11	27.	2.2.2	50.7	10.	0		4.5	3.5	11:00	1.5	12.2	10.2	<b>3</b> • U	12.4	16.0		$\langle$	427	17.2
THUNDER										•						٤.		X	2	•
HAIL SMALL HAIL																j		$\bigvee$		
SNOW GRAINS PELLETS SHOWERS	W. 7.	3.1												5.				X	f -e	• •
SLEET SHOWERS ICE CRYSTALS	1.2	2.5	1															X	o	
FREEZING RAIN FREEZING DRIZZLE	•	2.6						-								٠		$\bigvee$		
DRIZZLE	5.5	0	,	4	300			0				70	5	-0	۲.			N. A.	- w	
P A : N S H O W ERS	+	123	a		100		+ + + + + + + + + + + + + + + + + + + +	100		1	2	. a .		, p-1	7	1.2			# 20 } ₩ !	, C.
4 d d	•	•	•	•	h.^	•	•	) (per	+ -	+   -	j.	1	3		†	. 7	٠		) ; == 1	in .
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TOTAL NUMBER OF OBSERVATIONS

2,482

FESAUADY UTHUAN 1973-PECERBER 1982 (. (...)

HOURS (L.S.T.)

NO WEATHER	57.	1 0 5 7	5.	46.	51.	66.7	S S G	30.3	4).	ှ တို့	1 • 0 u	61.3	51.2	65.1	77.6	67.5		Y	1312	7
SAND SAND AND DUST																		$\bigvee$		
BLOWING	7.7	• 6														3•		$\bigvee$	11	L
SMOKE	1.09	36.6	25.4	28.8	35.7	2.07	17.2	17.9	13.8	21.6	19.1	23.0	9.62	15.8	7.41	18.7			466	0
GROUND FOG	, ·	3.5	u': • <b>•</b>	1.0			3.4	1	2.3	<b>3</b> 0	10.7	N. 4	6.62	3.2		•			136	
500	٠,	1:06			1.07		3.	36.5		1.1	10.0	£ • 5				12.2		X	.11	
THUNDER								~		•	•	•	٠.		2.			$\bigvee$	Ċ.	-
HAIL SMALL HAIL																		$\bigvee$		
SNOW GRAINS PELLETS SHOWERS	1. 	1.3	6	•	•									•	•	•		$\bigvee$	د،	-
SLEET SHOWERS ICE CRYSTALS	1.2	•	•															$\bigvee_{i}$	٠	•
FREEZING RAIN FREEZING DRIZZLE	<b>J</b>					!			†   	<del> </del>		+		•	•	† - •	1	\		ļ.
DRIZZLE	o ,	3.2	•		† ! !		7.2	<del>†</del> -		us	1.8	ာ	•	•	•	 	•	7	<b>4</b> 5	L
TO SERV			2.3	0	÷		10.3	7.	P		   	Ž • `)				, , ,	i		<b>3</b> 2	k r
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A N.F. DIRECTION	17		LU Z		: : : 111		i iu	, 	•	. <b>₹</b> 0/0		. V . V		* P. A.		<b>₹</b>				.1

TOTAL NUMBER OF OBSERVATIONS

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JANUA TY 1973-0. CEMTER 1982

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HOURS (L.S.T.)

59.5 52.1 57.7 56.3 4.20 . 6 3 . . . . . . . . . . . . . 9.4% 62.4 59.3 4.49 55.4 13.8 ( e t t WEATHER 51.1 73.7 62. BLOWING SAND AND DUST 1.5 BLOWING 1 • 1 1.7 25°C 21.3 33.6 4062 23.9 13.5 26.5 \$ **10** 17 19.9 30.3 26.9 12.7 2:01 X 2.5 13.4 27.1 21.1 7 . . . SMOKE HAZE 3.4 7.7 5.3 ₽.C بر د د د ပ ၁ 7.4 ي دي دي **3** • \*: 9.1 7.1 2.7 1.) ICE FOG GROUND FOG 2. 15.6 00 01 M 1 . S 16.2 0 0 12. 38.5 h') 1:1 : c • 11.0 14.3 11.9 7 • 509 1. • THUNDER • HAIL SMALL HAIL SNOW GRAINS FELLETS SHOWERS p~. 2.3 • SLEET SHOWERS ICE CRYSTALS 1 -FREEZING RAIN FREEZING DRIZZLE 2:5 **†** . u SR: ZZLE 2 2 2 2 A . 2.3 . . DIPECTION \$£ \$\$£ Ш 2 2 141 27 140 11 (3) üΙ

TOTAL NUMBER OF OBSERVATIONS

3000

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59.6 66251 WEATHER 50.00 73.4 6.2.01 66.1 72.3 X £ 2 . 1 6.4 a 3 4. 9-9 6.1 79.3 1.00 • . J 76. o z o. BLOWING SAND AND DUST ٠ ن 3. • BLOWING 4.22 21.6 22.3 21.3 20.4 3002 65. Mi 4.25 26.01 32.3 21.6 71.1 20.2 110 16. SMOKE HAZE 2.0 ... 5. 2.6 ۰c 709 1.1 r-1 ≱⁄i •••4 2.7 ICE FOG GROUND FOG n • 5 5.2 t. † |-|-.0 in Tu 7 . . . . • <u>C</u> • 7 500 ( ) ( ) • 5.1 THUNDER . 7 • • • HAIL HAIL SNOW GRAINS PELLETS SHOWERS SLEET SHOWERS ICE CRYSTALS PREEZING PACA PREEZING DRIZZLE 1 7

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TOTAL NUMBER OF OBSERVATIONS

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HOURS ( L.S.T.)

1172 200 51.7 34.6 56.3 0.0 S • # S 47. WEATHER 4.5 0 . . 36.0 9 : t 3 36. 7 ر ان ع X BLOWING SAND AND DUST SNOW! NG 340 V X 33.9 3.6 3 6 9 5 26.0 34.3 37.6 340 3 · 5 34.5 4 4 4 36.1 31.5 K . 1 4 33.3 . . SMOKE HAZE V X 4.2 υ -ري د د 167 5.6 3 0 ທີ ທີ ری زن 10.4 3.1 ~ (3 • 4.1 ) • ) • | ICE FOG GROUND FOG ÷ ٠. X 323 10. 7. 11.2 12.3 . . . 6.3 12.2 4.0 M • 12.1 . . . Ω. • Ω. F0G X • -2 • 2 .n --1 THUNDER 1.2 , # • F.4 • HAIL SMALL HAIL SNOW GRAINS PELLETS SHOWERS SLEET SHOWERS ICE CRYSTALS FREEZING RAIN FREEZING DRIZZLE <u>ت</u> ب c. 3 0 w (2) 200 50 S0 D RECTON 12. 12.

TOTAL NUMBER OF OBSERVATIONS

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HOURS (L.S.T.)

5 **.** 40.5 38.5 10:5 55. 45.7 1. 43.0 45.4 47.8 9.60 WEATHER 57.7 46.7 1 5 7 M) ò BLOWING SAND AND DUST SNOW SNOW 30.0 1006 41.9 38.6 25.6 42.3 47.1 9.04 43.9 X 0.7 34.1 42.5 38.8 43.3 43.2 52.4 24.4 46.7 SMOKE N X 7.6 וש 0.6 ۲. ط ... 2.4 3. 3.6 4.5 . S 7 . 7 3° £ 1.7 3. 3. ~) ... . E 'n ICE FOG GROUND FOG V A 13.3 11.3 13.1 C) • 10. 7 # 7 S • C 1 . . 4 2.3 0 . 1 12.3 . . 3 ₹. (.) 10.3 ं • 500 X . (3 • 2 :: 1.2 THUNDER . . . 2 **.** ~ • • • (1) W HAIL HAIL SNOW GRAINS " PELLETS SHOWERS SHOWERS ICE CRYSTALS FREEZING RAIN FREEZING DRIZZLE .... L.) 7.0 U 1 U.S. 7. . 3122IBG (), (), 4 - · ت د 100 700 4.7 رن • \* 3 SHOWERS 7 :1 ---2. PAN'ERY WSW. 3.7.3 \$ 2 2 ol Z | la: ii: lii Z Z 485 ! ! Z 3.5 E ы 2 v<u>ح</u> ن ₹ Ž ⋠

TOTAL NUMBER OF OBSERVATIONS

43:0

J. 14. A 7 V 1973-P. CE 49EP 1792

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MONTH

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HOURS (L.S.T.)

5105 4103 3704 3405 10.4 47.6 9. 7 31.3 25.5 22.4 .r (\*) († WEATHER 4102 19.2 ₹ • O ₹ X ò BLOWING SAND AND DUST BLOWING 37.6 48.6 1202 €. V. 4.2 eq. 50.9 2..5 55.3 7007 45.7 1201 61.5 55.7 42.9 が・ココ 3 3 SMOKE HAZE ÷ • € X 213 • 5.1 υ • ٠ ئ ្ន ទ نه • ۍ 12.2 7 + 3 . • 2.1 • **+** GROUND FOG • 797 X 10.3 5 **7** • • 72.4 **5** 3.2 с. • 1 .2 13.6 0 13.1 1100 12.2 11.5 • 500 + • 1.2 P . . 2.1 M THUNDER ~; 2 ر. 1 7 -... ~ HAIL HAIL SNOW GRAINS PELLETS SHOWERS SLEET SHOWERS ICE CRYSTALS FREEZING PAIN FREEZING DRIZZLE CRIZZLE £ . 3 • . ; CHOW ERS k ; DIRECT ON SS = 2

TOTAL NUMBER OF OBSERVATIONS

37.7

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MONTH UPSULA V 1973-P. CEMSEE 1982 U.S. MERCHOR ST. 676

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NO WEATHER	19.2	່ດ•ື	' 3•	3:.6	36.25	₹1.	706	មិត្ត	(# <u>C</u> • 2	L	្រ	35.5		54.5	C• 32	9.75		$\bigvee$	• ;	,5.,
BLOWING SAND AND DUST																		$\bigvee$		
BLOWING																		$\bigvee$		
SMOKE	55.8	a• ∷ S	48.7	40.7	6.07	56.3	45.5	X3.8	45.4	9.64	2•34	51.0	2335	0.12	57.3	62.8			121	િ• ∈ જ
CE FOG GROUND FOG	نة. <b>م</b>	7.	1.7	3	۴.۶		<b>-</b>	ري م ب	ۍ د)	4.3	2.6	n•3	14.7	13.4	4 • 4	7 • B			: LE	12.5
506	· ·	15.5	1 • 3	7.0	7.1	1.J. t	•	č.	7.7	<b>છ •</b> છ	• 2	9•6	14.7	14.3	2.5	11.6			311	12.5
THUNDER	•		•	•	1:	•		7	•		<b>4 •</b> T	~	7.	( ·		`•\$		$\bigvee$	5	• 3
HAIL SMALL HAIL																		$\bigvee$		
SNOW GRAINS PELLETS SHOWERS																		$\bigvee$		
SLEET SHOWERS ICE CRYSTALS																     		X		
FREEZING RAIN FREEZING DRIZZLE					:			†										\\ /		
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3 - 3 W EPS	ยา	7.5	2.5	2.7	2.7	4.2	5.1	2.7	Y. 7	~	4.1	•	1.1	Cu.	•	4.7	<del>!</del> :		C	7.5
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TOTAL NUMBER OF OBSERVATIONS

2,47

T TE POST 31434 1073-7 CEMLER 1982

NO WEATHER	.,	•	•	1.5		6 .	42.5	43.5	3 <b>6</b> S	50.7	46.7	25.	27.0	29.3	26.9	25.0		X	326	38.5
BLOWING SAND AND DUST																		$\bigvee$		
BLOWING																		$\bigvee$		
SMOKE HAZE	41.8	43.1	52.8	ن ا ا	44.7	# 3 ° E	35.0	39.4	31.3	32.9	41.1	51.0	50.7	S . S	51.0	27.5		X	1010	42.1
ICE FOG GROUND FOG	5.3	9•5	. 2	2.1	Z • 3	6.5	15.0	1.3		1.4	3•€	6-7 (4)	11.6		6.	4.3			243	10.1
106	25.5	1.2	1.3	•	6.	0.	17.5	7.6	7.	3 0 1 1	12.2	1.08	17.4	31		\$1.3		V X	ເດ ຫ <b>*</b> ກ	14.5
THUNDER		7.		1.1	2.0			5 • :	9.	-	3 .		٠. د	2.4		•		Y	۳.	
HAIL SMALL HAIL								í										$\bigvee$	- <del></del>	
SNOW GRAINS PELLETS SHOWERS														!				$\bigvee$		
SLEET SHOWERS ICE ORYSTALS								+				!			1			M		
FREEZING RAIN FREEZING DR.72.E					  -  -  -	:		Į	 		ļ	1			l		=	Λ <i>Λ</i>		
58.22E	3.	•	†	•	•		1	!		:		•	•	•	L.	•	-	\		<b>3</b>
PAN CUE MERS	•	2.		2.7	\	10 12	.13	7.6		7	(w)	,	× • ::	· ·	0	•			7.7	3.2
7 4 4		    -3	•		  -  -	•	† :		•	•  •		•	•			3	•	1		1
		1112				(14) (14)	! ! மு	- 39.S		· !		<		1	. :		:	:		•

TOTAL NUMBER OF OBSERVATIONS

24400

	HOURS ' L.S.T.
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2601 6340 0 U-2201 401.6	*EARS

SMOKE BLOWING SAND HAZE SNOW DUST	2.02	8 28.6	4 26.7	٠.	┝	7 39.1	7 26.9	0.1%	3.00	2 25.5	7 34.0	41.4	1 30° 5	7 28.9	10 m	7.4.			154 8	
GROUND FOG	1 · ·	3 / 5	3 6 6	· 9	3 20.	0	• 1	2	S . S . C .	4. W.	7 . 4	3	3 .	6.7	1.5	) • # 		¥,	312 h	
THUNDER	c.			•		13.0	2	3. (1)	10.	-	.5	10.3	•					Å \	35 %	
HAIL SMALL HAIL																		$\bigvee$	-	
SNOW GRAINS PELLETS SHOWERS																		$\bigvee$		-
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TOTAL NUMBER OF OBSERVATIONS

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GROUND FOG	3.2	3.5	2.6	1.5	1.6	9.5	•	204	7.0	2.	7.7	<b>≈</b> 1	6.3	~	1	€ • S			180	7.0
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BLOWING																		$\bigvee$		
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TOTAL NUMBER OF OBSERVATIONS

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## PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

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7 6 3 7 53.6 9. . 46.5 50.4 54.6 200 60.6 59.6 5 C • 4 14725 WEATHER 47.7 47.7 32.5 . .3 ् । उ BLOWING SAND AND DUST -٦. ۲. BLOWING <u>...</u> 'n 71. -~ 31.6 27.5 32.9 36.4 34.5 20.4 35.5 36.9 25.7 8936 5000 34.0 36.1 33.3 X 30. SMOKE HAZE 2235 3.2 . • % 0 j • † 3.3 4.7 6.2 3. 5.1 6.7 • 3.3 4.3 5. ICE FOG GROUND FOG 3650 5 13.5 11.5 11.6 9.7 . 16.0 . . . ٥. د • 1.11 10.5 ,, 500 [.\*) U. 0 U M ... 9.1 ·• • THUNDER 1., . ru m -• • • HAIL SNOW GRAINS PELLETS SHOWERS 1 - 0 (-: . . SLEET SHOWERS ICE CRYSTALS • . C FREEZING
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#### PART B

# PRECIPITATION, SNOWFALL & SNOW DEPTH

This portion of the Uniform Summary presents in two sets of tables, the daily amounts and extreme values of the following:

PRECIPITATION

SNOWFALL\*

DERIVED FROM DAILY OBSERVATIONS

DERIVED FROM DAILY OBSERVATIONS

SNOW DEPTH

DERIVED FROM DAILY OBSERVATIONS

- The first table for each of the above presents the percentage frequency of various daily amounts, by month latter statistics above are not presented for the snow depth summary since they would have limited use and and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual The percentage of days with measurable amounts is also computed monthly mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least). and annual, all years combined. may be misleading.
- The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months). The extremes for a month are not printed nor used in computations if one or more observations are missing. å

Snow depth was recorded and punched at various hours during the period available from U. S. operated The periods and hours used in the snow depth summary vary by service and period as follows:

Snow depth at 0800 LST	Snow depth at 0030 GCT
Snow depth at 1230 GCT	Snow depth at 1230 GCT
Snow depth at 1200 GCT	Snow depth at 1200 GCT
From beginning of record thru 1945	From beginning of record thru Jun 52
Jan 46-May 57	Jul 52-May 57
Jun 57-present	Jun 57-present
Air Force Stations	U. S. Navy and Weather Bureau Stations

\* Hail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956, and after Dec 1979.

#### DAILY AMOUNTS

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#### DAILY AMOUNTS

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(FROM DAILY OBSERVATIONS)

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**EXTREME VALUES** 

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(FROM DAILY OBSERVATIONS)

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FROM DAILY OBSERVATIONS

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**EXTREME VALUES** 

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DAILY EXTREME AMOUNTS

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### DAILY EXTREME AMOUNTS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

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DAILY EXTREME AMOUNTS

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• ALSO ON EARLIER YEARS T = TRACE, AN AMOUNT TOO SMALL TO MEASURE BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

Monthly

#### PART C

#### SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

Speeds are presented in knots, while directions are given in 16 when 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided. compass points from the beginning of record through 1963, and in tens of degrees starting in January 1964. These values are then used to compute means and standard deviations for the entire Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in Means and standard deviations are computed when four or more values are present for any Every month of a year must have valid observations present before the ALL MONTHS value is for that year. period. column.

According to Circular N specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

Beaufort classifications. Percentages are shown by both direction and speed, and in addition the mean wind Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of speed for each direction. તં

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summerized in the appropriate groups opposite the column headed VARBL.

- Three tables are prepared for all surface winds included, and for all years combined as follows:
- (1) Annual all hours combined
- (2) By month all hours combined
- (3) By month by standard 3-hour groups
- A separate annual table is also presented for surface winds meeting the following ceiling and visibility greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal conditions: INSTRUMENT CLASS: Ceiling 200 through 1400 feet inclusive with visibility equal greater than 200 feet. <u>.</u> م

**EXTREME VALUES** 

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FROM DAILY OBSERVATIONS

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**EXTREME VALUES** 

(FROM DAILY OBSERVATIONS) STATE BOSTON

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**EXTREME VALUES** 

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(FROM DAILY OBSERVATIONS)

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### SURFACE WINDS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

MONTH	٠	NOURS (L.S.T.)			
20127			251	Tion	
	STATION NAME			CONDITION	

													14 1 4 1 1
SPEED (KNTS)		9 . 4	7 - 10	11 . 16	17 . 21	22 - 27	28 · 33	34 . 40	41 - 47	48 - 55	<b>9</b> 6 Al	*	WIND
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									TOTAL NU	TOTAL NUMBER OF OBSERVATIONS	SERVATIONS		• •
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## SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.) HONTH VEARS . . . . COMBITION CLASS

SPEED (KNTS) DIR.	1.3	4.6	7 . 10	91 - 11	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	% AI	×	MEAN WIND SPEED
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VARBL													
CALM	$\bigvee$	$\bigvee$	M	$\bigvee$	•								
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PERCENTAGE FREQUENCY OF WIND

SURFACE WINDS

DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

CLS.T. HOURS (L.S.T.)

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CALM	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	M	X	M	$\bigvee$	M	$\bigvee$	$\bigvee$	•	
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SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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YEARS					<i>t</i> 7 · 17						
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SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

CLASS

HOURS (L.S.T.)

MONTH

SPEED (KNTS) DIR.	 	4	7 - 10	31 . 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	N 28	×	MEAN WIND SPEED
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CALM	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	•	
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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION NAME	YEARS	MONTH
8813 7 77,		MOURE (L.S.T.)
CONDITION		

7.10 11.16 17.21 22.27 28.33 34.40 41.47 48.55 E56  1.
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SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

MOURE (L.S.T.)		
17.	CONDITION	
		#6

SPEED (KNTS) DIR.		4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 · 33	34 - 40	41 - 47	48 · 55	% AI	ķ	MEAN WIND SPEED
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VARBL													
CALM	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	X	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	M	X	• 1	
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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

MONTH

YEARS

CONDITION

CLASS

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زير • س MEAN WIND SPEED . • • • × ۱۷ گ 48 - 55 41 - 47 34 - 40 28 - 33 22 · 27 17 - 21 11 . 16 7 - 10 4 . 6 1.3 WSW WSW ¥N¥ <u>₹</u> VARBL CALM SSW ¥ 25 S SSE ₹ \*

### SURFACE WINDS

DIRECTION AND SPEED

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND (FROM HOURLY OBSERVATIONS)

NOURS (L.S T.) MONTH CONDITION . CLASS STATION NAME

SPEED (KNTS)	1.3	4 - 6	7 - 10	11 - 16	12 · 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	ا۷ 56	*	MEAN WIND
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VARBL													
CALM	$\bigvee$	X	$\bigvee$	•									
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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION NAME	YEARS	HOM
CLASS		HOURS (L.S.T.)
CONDITION		

SPEED 1 · 3 DIR.	z	NN	a z	ENE	u u	ESE	25	SSE	•	. SSW	. AS	wsw .	*	WNW	NX.	ANN	VARBL	CALM	
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11 - 16		<b>.</b> • .	.;	.1				•		•			•	, •	. •	1 • 1		$\bigvee$	
17 . 21	•												•		•			$\bigvee$	
22 · 27																		$\bigvee$	
28 - 33																		$\bigvee$	
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41 - 47																		$\bigvee$	
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MEAN WIND SPEED	7.7	1	•	•	•		•	1.0	t			•	•		•				

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

MONTH	HOVRS (L.S.T.)	
YEARS		
STATION NAME	88TD	CONDITION

MEAN WIND SPEED	, • .	7	10 <b>.</b>	•	•		11.	•	•	•	•	•	•	•		•			
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41 - 47																		$\bigvee$	
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SPEED (KNTS) DIR.	z	ž	ž	ERE	_	ESE	SE	SSE	s	ASS	AS	WSW	*	WNW	ž	NN.	VARBL	CALM	

### SURFACE WINDS

HOURS (L.S.T.)

CONDITION

CLASS

MONTH . . b. . ( .

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

MEAN WIND SPEED	3 4	-		$\dashv$	+		+	-				3		$\downarrow$	r-	<b>*</b>		-	
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48 - 55																		$\bigvee$	
41 - 47																		$\bigvee$	
34 - 40																		$\bigvee$	
28 - 33																		$\bigvee$	 
22 - 27																		$\bigvee$	
17 . 21																		$\bigvee$	
91 - 11	•			•				•	•			•	3 • 3		* :	•		$\bigvee$	
7 - 10		,					•		•		•	•		•	•	•		X	
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SPEED (KNTS) DIR.	z	N. N.	¥	ENE		ESE	*	SSE	s	ASS	»S	WSW	*	WW.	ž	₹×Z	VARBL	CALM	

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	MONTH	:	MOURS (L.S.T.)	
	YEARS			
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· · · · · · · · · · · · · · · · · · ·	STATION NAME			

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VARBL													
CALM	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	X	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	$\bigvee$	• 17	
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SURFACE WINDS

HOURS (L.S.T.)

CONDITION

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MONTH i L

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

NOURS (L.S.T.) YEARS COMBITION . «. į. CLASS STATION NAME

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## SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

メレスの名	•	Nous (L.S.T.)	
STATION NAME		88713	COMBITION

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.) F . . \* \* 1 CONDITION CLASS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)	
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SPEED (KNTS) DIR.		4.4	7 . 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	% AI	×	MEAN WIND SPEED
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TOTAL NUMBER OF OBSERVATIONS

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PERCENTAGE FREQUENCY OF WIND

SURFACE WINDS

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

· t	MONTH		MOURS (L.S.T.)		
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SURFACE WINDS PERCENTAGE FREQUENCY OF WIND

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# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

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SURFACE WINDS

MOURS (L.S.T.)

CONDITION

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MONTH

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SPEED 1-3 4-6 7-10 11-16 17-21 DIR.		7		200	•					wsw .	WNW		NNW .	VARBL	CALM
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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION NAME	YEARS	HTMON
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	CONDITION	

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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# SURFACE WINDS

MONTH

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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HOURS (1.5 T.)

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COMBITION

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

. 7

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	MONTH	.2	NOURS (L.S.T	1		ı	
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•	STATION NAME				8		

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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(FROM HOURLY OBSERVATIONS)	STATION NAME	S8VD	COMBITTION	

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.) C C C CLASS COMBITION

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

CONDITION CLASS

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NOURS (L.S.T.) MONTH

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SURFACE WIND SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

NOURS (L.S T.) YEARS COMPLTION

PERCENTAGE FREQUENCY OF WIND

SURFACE WINDS

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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	STATION NAME			

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### SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.) NONTH YEARS CONDITION CLASS

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SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

. . MEAN WIND SPEED j J HOURS (L.S.T. MONTH • . 1 2 8 48 - 55 41 - 47 YEARS 34 - 40 28 . 33 22 - 27 CONDITION 17 . 21 11 . 16 7 - 10 ..3 SPEED (KNTS) DIR. z z z z wsw wsw \* \*\* NA NAW CALM SSW ESE SSE S

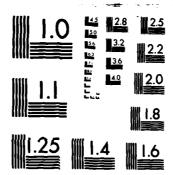
SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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MICROCOPY RESOLUTION TEST CHART
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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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PERCENTAGE FREQUENCY OF WIND

SURFACE WINDS

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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## SURFACE WINDS

# PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

NOURS (L.S.T.) NONTH COMBITION

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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TOTAL NUMBER OF OBSERVATIONS

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# SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

CONDITION

HOURS (L.S.T.)

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

NOURS (L.S.T.)

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#### SURFACE WINDS

NOURE (LS.T.)

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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CLASS

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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TOTAL NUMBER OF OBSERVATIONS

VARBL CALM

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

NOURS (L.S.T. YEARS CLASS COMDITION STATION NAME

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

HOURE (L.S.T.) COMBITION CLASS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

NOURS (L.S.T.) MONTH YEARS . . CLANS COMBITION

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TOTAL NUMBER OF OBSERVATIONS

SURFACE WIND

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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	STATION NAME			

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TOTAL NUMBER OF OBSERVATIONS

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

CLASS

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HOURS (L.S.T.)

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

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## SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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### SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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SURFACE WINDS

PERCENIAGE PRECUENCY OF WIND	DIRECTION AND SPEED	(FROM HOURLY OBSERVATIONS)

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MOURE (L.S.T.)

YEARS

STATION NAME

COMBITION

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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### SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

NOURS (L.S.T.) HONTH YEARS • CLASS CONDITION STATION NAME

358 358 35W 35W WSW WSW WNW WNW

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

MONTH

CLASS

HOURS (1.S.T.)

MEAN WIND SPEED ٥ 18 88 48 · 55 41 - 47 34 - 40 28 - 33 22 . 27 17 . 21 11 . 16 7 - 10 \*NX SPEED (KNTS) DIR. WSW WSW N N Z Z Z Z CALM SSW SS SE SSE \* S

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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HOURS (L.S.T.)

HONTH

SPEED (KNTS) DIR.		4.6	7 - 10		17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	\$ A1	×	MEAN WIND SPEED
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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

• CLASS COMBITION

HOURS (L.S.T.)

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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	STATION MAME		1	9903	

STATION

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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TOTAL NUMBER OF OBSERVATIONS

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NOURS (L.S.T.)

CLASS

COMPITION

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED

(FROM HOURLY OBSERVATIONS)

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PERCENTAGE FREQUENCY OF WIND

SURFACE WINDS

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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YEARS			
STATION NAME	esra (13)	CONDITION	

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1.1. L HOURS (1.8 T.)

HONTH

YEARS

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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SURFACE WINDS

HONTH

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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YEARS

CLASS

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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TOTAL NUMBER OF OBSERVATIONS

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## SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

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DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)		VEARS	CLASS
	•	STATION NAME	

STATION

CONDITION

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

NOURS (L.S.T. CONDITION CLASS

MONTH

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PERCENTAGE FREQUENCY OF WIND

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

SURFACE WINDS

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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STATION NAME	58413	CONDITION	

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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***************************************	STATION NAME				

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# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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CONDITION		

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PERCENTAGE FREQUENCY OF WIND

SURFACE WINDS

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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YEARS			
STATION NAME		CLASS	HOILIGNOS

SPEED (KNTS) 1 - DIR.		9.4	7 - 10	11 - 16	17 . 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	% AI	×	MEAN WIND SPEED
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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND

(FROM HOURLY OBSERVATIONS)  (FROM HOURLY OBSERVATIONS)  CLASS  COMPITION  COMPITION		•	MONTH	HOURS (L.S.T.)		
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## SURFACE WINDS

PERCENIAGE TREGOENCY OF WIND	DIRECTION AND SPEED	(FROM HOURLY OBSERVATIONS)	
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# SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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COMBITION

MONTH

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NOURS (L.S.T.)

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

NOURS (L.S.T.) MONTH \*\* CONDITION

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## SURFACE WINDS

HOURS (1.S.T.)

MONTH

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED	(FROM HOURLY OBSERVATIONS)	
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CLASS

CONDITION

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NOURS (L.S.T.)

CLASS

STATION NAME

CONDITION

HONTH

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNTS) DIR.	1.3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	95 AI	×	MEAN WIND SPEED
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SURFACE WINDS

HOURS (1.8.T.)

MONTH

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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STATION NAME

CONDITION

SPEED (KNTS) DIR.	z	ZZ	NE NE	ENE		ESE	SE	SSE	50	SSW	S¥.	wsw	*	WNW	NW	ANN	ARBL	CALM
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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND

		MONTH	۵.	MOURS (L.S.T.)		
FENCENTAGE TREGGENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)	1.			CLASS	COMBITION	
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## SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.) MONTH

YEARS

COMBITION

CLASS

STATION NAME

SPEED (KNTS) DIR.	e :-	9	7 . 10	91 . 10	17 . 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	% AI	,	MEAN WIND SPEED
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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

HOURS ILS T. CONDITION CLASS STATION NAME

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

Description Officers and the Officers Street

## SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CONDITION

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MONTH

YEARS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

MEAN WIND SPEED HOURS (L.S.T.) 8 8 48 - 55 41 - 47 34 . 46 28 · 33 22 · 27 COMBITION CLASS 17 . 21 11 - 16 7 - 10 CALM \*NA NA NA NA VARBL ASW ASW SSW Z Z Z Z - 35 % 38 % S SPEED (KNTS) DIR. ` v

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC
DIRECTION

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

CLASS CONDITION

HOURS (LS.T.)

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PERCENTAGE FREQUENCY OF WIND

SURFACE WINDS

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

 MONTH	*·•	NOWRS (L.S.T.)		
YEARS		CLASS	COMBITION	
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NAVAL WEATHER SERVICE DETACH 1ENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2"	MONTH	717	NOURS (L.S.T.)		
( 1 T	YEARS		ctass	COMBITION	
F	STATION NAME				

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## SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

NOURS (L.S.T.) D. C. CONDITION CLASS

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SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

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## SURFACE WINDS

HOURS (L S T.) MONTH

CLASS

STATION NAME

CONDITION

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## PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

## SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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## SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

CONDITION

CLASS

HOURS (L S T.

MONTH

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.) MONTH YEARS COMBITION CLASS

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SURFACE WINDS

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PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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STATION

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION NAME	YEARS	MUNITA
CLASS		HOURS (L.S.T.
CONDITION	ION	

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND

DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

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NOCD, Federal suilding Asheville, N. C.

#### DART D

# CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from 3-hourly observations, and three sets of tables are presented as follows:

- . Annual all years and all hours combined
- 2. By Month all years and all hours combined
  - By Month by standard 3-hour groups

which the station was meeting or exceeding any given set of minima may be determined from the figure at Oue to the cumulative nature of this presentation, it is possible to determine the percentage frequency Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently Several examples in the use of of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for the intersection of the appropriate ceiling column and visibility row. visibility. The totals progress to the right and downward. these tables are shown on pages 2 and 3 below.

ceiling category consists of observations with less than 6/10 total sky cover and those cases where total Beginning in July 1948 for Air Force stations and January 1949 for NWS and U.S. Navy stations the "no sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

# EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

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Read ceiling values independently of visibility under column at right headed > 0. Ceiling > 1500 feet = 92.6%. Ceiling > 500 feet = 98.1%. For instance, from the table: EXAMPLE # 1

From the table:

Read visibilities independently of cellings on bottom line opposite > 0. Visibility > 3 miles = 95.4%. Visibility > 2 miles = 96.9%. Visibility > 1 miles = 96.3%.

Q

EXAMPLE

To obtain combinations of ceiling with visibility, read figure at intersection of the Ceiling > 1500 feet with visibility > 3 miles = 91.0%. two categories; i.e.: EXAMPLE # 3

#### PART D

#### ADDITIONAL EXAMPLES

EXAMPLE # 4

Palues below minimums stated in the table may be obtained by subtracting the value given In the table from 100%.

Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet < 3 miles, subtract the value read from the table at the intersection, which is 91.0.</p> and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5

To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value observations meeting the lower set of limits, but not meeting the higher set of limits. in the table for the second set of limits. The difference will be the percentage of

The value 91.0 read from the table at the intersection of > 1500 feet with > 3 miles, subtracted from 97.4 read from the table at the intersection of > 500 feet with > 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "celling > 500 feet with visibility > 1 mile, but < 3 miles; or ceiling > 500 feet, but < 1500 feet with visibility > 1 mile.

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of celling and visibility limits as well as probabilities of various ceiling-visibility combinations.

#### ART D

#### SKY COVER

This summary is prepared from 3-hourly observations and is a percentage frequency distribution of total sky cover and total number of observations. It is presented in two tables as follows:

- 1. By month and annual all hours and all years combined.
- 2. By month by standard 3-hour groups.

Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in re-Sky cover (total cloud amount) was not reported by U.S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for marks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data. NOTE: #1:

Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below: #2: NOTE:

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Beginning in 1981 the symbols of Clear, Scattered, Broken, Overcast, and Obscured were used as Following are the conversions: Overcast converted to 10/10 Scattered converted to 3/10 Obscured converted to 10/10 Broken converted to 9/10 Clear converted to 0/10 input for the Total Sky Cover.

#3:

NOTE:

# CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

NOURS (LST)

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# **CEILING VERSUS VISIBILITY**

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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# CEILING VERSUS VISIBILITY

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# CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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## CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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### **CEILING VERSUS VISIBILITY**

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## **CEILING VERSUS VISIBILITY**

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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#### CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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## **CEILING VERSUS VISIBILITY**

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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TOTAL NUMBER OF OBSERVATIONS

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#### CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MOUNS (1.5 T.)

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## CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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TOTAL NUMBER OF OBSERVATIONS

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## **CEILING VERSUS VISIBILITY**

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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# **CEILING VERSUS VISIBILITY**

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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## **CEILING VERSUS VISIBILITY**

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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TOTAL NUMBER OF OBSERVATIONS

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## **CEILING VERSUS VISIBILITY**

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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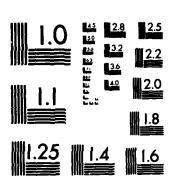
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TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS)
CHERRY POINT NORTH CAROLINA(U) NAVAL OCEANOGRAPHY
COMMAND DETACHMENT ASHEVILLE NC SEP 84 AD-A158 389 3/4 F/G 4/2 UNCLASSIFIED NL



MICROCOPY RESOLUTION TEST CHART NATIONAL BUREAU OF STANDARDS-1963-A

## **CEILING VERSUS VISIBILITY**

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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### CEILING VERSUS VISIBILITY

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

Toll House (1 S T )

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## CEILING VERSUS VISIBILITY

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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## CEILING VERSUS VISIBILITY

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

/SIBILITY

CEILING							ISIA	DILITY (ST.	VISIBILITY (STATUTE MILES)	ES)						
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71 VI W			1.00	24 O	6. 6. C W	10 to	6.3 6.3 6.3 6.3 6.3 6.3 6.3 6.3 6.3 6.3	A1 37	. 3 e 7	3 ° 5 ° 5	62.2 83.8	63.2	5 5 5 5 6 5 5 6 5	63.2	63.2	6 4 2 6 5 6
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3000		6 W	3 G	67.7	69.0	3 6 7	C C C C C C C C C C C C C C C C C C C	72.5	500.	513 e. 3	60. 72.0	000	30°F	69.7 72.6	60°F	12.6
7 200			71.07	N N	13 0 4 C	7	76.6	76.8	74.0	74.5	74.9	74.8	74.3	74.5	74.8	74.3
VI VI 008:1			, · ·	A 2	F-1	F (1)	77.3	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
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VI VI 88			3 . 1	a • 5 €	9	2 0 8 S	97.0 S	3.5.5	9 S S S	95.5	9 E 9	0 a 0 b	10 <b>38</b> 40 Po	95.5	95.5	93.5
8 8 Ai Ai		7.7.	9 (a) (b) (c)	3 .3 • •	7 (7) 17 (8) 17	9	57.0	77.7	<b>1.</b>	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4	95.4	5.9.4	08.7 09.4	50.4	99.7
VI VI 8 o		7.	# # 4 Ø C	13 C7	<b>7.</b> 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5.	9.83	7.7	1000	<b>•</b> • • • • • • • • • • • • • • • • • •	97	3 6 6 c	79.4	# # 0 C	# # 0000	59.7	100.0 100.0

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### CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

DCCURRENCE

MONTH IN

CEILING							N N	VISIBILITY (STATUTE MILES)	ATUTE MILI	ŝ					}	
(FEET)	5	۸I	SO AI	A)	N AI	1 2%	AI	VI \( \frac{2}{5}	VI 2,1	- AI	≱ Al	# Al	S Al	≥ 5/16	Al	٨١
NO CEILING		1	3	17%	•		•	c.	•	.5			•	48.7	•	K = 0.#
3007		*			3	9	3	9		3	4	4		,	4	Д,
VI V 00091			កាក្រ លិខិត្ត សំនួន	<b>ก. ม</b> หา้าเม	(*) (*) (*)	<del>ខែវ</del> ហេ ម	( ) ( )	i i	e in the second	en u	<u>เกีย</u> เกีย	មា មា មា	ย - ชั ชั่ง เก	1/3 1/4 1/3 1/4 1/3 1/4	n, n n, n	រ រ រ រ
7		2		•	1 0		1 1 1		• •	2 2	١,				4 :	1.5
1 VI				10			, I	-		7.0	10			2 (2)	, e	1 70
V 10000		Ċ.	2.4	30.7.	52.6	\$5 ° U	3.50	62.63	12 61 62	32.04	5 · 0 · 0	62.9	0 .	42.9	65.9	65.6
0006 A		ر ،	5.0	<b>₹</b>	£2.5	S • 2 ·	3	0.00	100	55.00	62.63	52.5	6203	5209	62.5	6.00
			3 9 9 9	67.1	67.1	67.1	67.1	1029	57.	67.1	67.4	67.4	57.4	47.4	87.4	£7.4
7000		\$ S	67.4	57.7	57.7	67.7	67.7	47.7	57.7	57.07	58.1	1033	10.33	€301	5801	68.0
ľ		1 <b>0</b> 3 12	6.0	1.00	1	T * 50 }	103	60.1	60.1	6 . 1	<b>व</b> ६ ५०	2.0	20 0 E	58.4	63.4	65.4
0005		(4) (4)	6.0	() () (4)	13. 13.4 14.4	6.6	೮ ಕೆ ಎ ತ	10 to 5	60.0	7 4	60 . u	69.4	F 9 . 4	69.4	50.4	63.4
ļ.		**	•	V 0 V	<b>E</b> • • • • • • • • • • • • • • • • •	100	C.B	<b>©</b> • 0 2	. • 69	55.0	श्•े ः ३	<b>•</b> €	0 ° 6 3	69.4	69	N 0 %
4000		•	73.5	71.0	71.9	71.0	71.0	71.5	71.0	71.	7	72.3	72.3	7203	72.3	72.3
l		• •	r	73.	3 - 2 6	73.6	730	73.5	73.5	7300	73.0	73.9	73.9	73.9	73.9	7 2.0
3000		4.	75.6	77.4	77.4	77.4	7704	77 e ts	77.4	77.4	77.7	77.7	77.7	77.7	77.7	77.7
≥ 2500		5 9 .	7 . 7	40.00	7	79.7	4.0	2.5	10.7	75.7	្ត	<b>ග</b> වන	<b>0</b> • € ::	00°3	20°03	() ()
		7	0.10	10.00	ۍ د د د	2.5	( ) ( ) ( )	2.9	92.9	S 8	3 7 6.7	30.2	3.2	5302	33.2	4.7
× 1800		•	S	3.5		14	() () ()	(h)	() ()	9.2.0	0 3 . 6	₹ •	<b>€</b> • • • • • • • • • • • • • • • • • • •	03.2	. D. C.	(C)
- 1		) • <b>(</b>	•	Q.	7 .	7 . 3	7.1	37.1	57.1	67.2	7 . 4	C 7 . 64	27.94	R 7 . 4	27.0	7.7.3
1300			10 T	7.70	ति । ७ ४ ३	<b>a</b> €.	φ.	a . & c	# 6 C	<b>7 •</b> ⊕ ⊕	1000	43.7	•	C.	. O.	69.7
			3	13.1	1 . 6	59.7	10 CV	E G	-	0.00	35.	56.03	100	9203	90.6	-
8		H)	63	(	C. 1	7	•	•		51.6	•		-	-	10.	
			, • ·	•		2.3		3 .	•	,	,	, <b>d</b>		7	2.5	500
۸۱ 82		7	0	(% • • • • •	• • •	∑ Mi	( + + )	•	•	('S - 3' C'	นา 3 (ก	り すっ.	10. 5 (5)	* 3	5	10 a C
i			F-71	3.2.6	360	500	3000	u u	F . C ?	75.6	96.02	56.1	06.03	56.1	\$6.1	10.35
VI 500		:5	•	€ € 67 U	ن د رز	3.0	37.1	7.7.4	200	7.10	. a. a.	-4	4.0	.0	0.	7. 6.
		Ü	•	2.8.5	76.1	9	57.7	501	, 2 . 1	40.7	36.	0.00	2.2	99.0	39.5	286
300		\$1.1 6.5.1	12.	5.50	76.1	3 • 0	57.7	<b>ន</b> ស	3. 14	30	69.7	1.66	7.00	29.1	<i>(</i> *	1.00
Ų		•	•	2	16 e 1	9		-	-1	99° H	١٠٠٠)	C.	-	0	5	12.20 L
8°			1 · · · · · · · · · · · · · · · · · · ·	•	• • •:	•	•	÷.	•	5.00	•	42	£ :	С	<u>_</u>	
- 1	_ _ 				۴.	2	7	7.5		7,0	•	0.0				2 6 6 6

## **CEILING VERSUS VISIBILITY**

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

NOUNS (L S T )

CEILING							VIS	VISIBILITY (STATUTE MILES)	'ATUTE MIL	(ES)						
(FEET)	VI 5	Ф Al	ss Al	→ Al	الا ع ا	≥ 2%	ا¥ ع	¥1 ≥	71 <	ĀI	* Al	<b>₽</b> Al	S Al	91/5 ⋜	N N	O Al
NO CEILING		., ., .,	দ () • এ এ এ এ এ	7 क 3 क 4 फ	7 E	F 4 4	1	7 0 1 2 7 7 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	4 = 7	5 to 5	45.7 24.5	7.4.5	र • स स र • स स	43.7 54.5	F 5
91 VI VI VI VI VI VI VI VI VI VI VI VI VI		<i>x</i> 3	1 5 1 5 4 4	មក ភភព ១១	ម	រា ភេព	្រ សូស្	01 t.		6 35 3 3 4	5 6 3 3 3	6.88 S	1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 • 6 ¢	55.5	8 6 9 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
V 1 V 14000		: M	ន ១ ១ ១ ( ១) បា	0 <b>3</b>	3 ° 6 S	្រា • • សា សា ខេត្ត	0 0 0 0 0 0	មា គឺប៉ូ ស្លាប់	<b>1</b>	9 12 1 2 3	5	8	<b>9</b> 53	9 5 5 1 6 5 5	្ត ស្ត្រ ស្ត្	्र के जिल्ला स्थापन
VI VI 000 000			् ए १, ा ५, १,	6.50	65.0	. 3.2	(	5 - 2 y	62.0	53.2	67.5	62.0	0 6 2 3 0	2°23 5°25	62.3	67.9
V 8000 V 7000		3	67.	5 0 • 3 5 0 • 0	6 • 1 9 ? • 1	2.0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 • · · )		6 . 1	6. 1 10.	0		50 • 1 59 • 7	68.1 59.0	f. x 0. 2
0005 <del>~</del>		5 <b>6</b> 5	6		2 3 e C	7 • ¥ ·	6.5 e.3	( • 1 • )	50.00	57.	5 a 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	6.0°	€0•°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°	59.1	69.	67.1
VI VI 4000		1-1		F) 6, 3	6. 4. V	71	3 6 6 6	71.0	71.00	71.6	7100	710.	71.4	2.25	71.6	71.6
3000			74.5	75.5	75°5	75.5 79.	75.0	3 ° 3 €	75.A	7.08	75.	75.8	35.45	75.8 79.4	75.8	75.0
V 1 V 1		Q.	3.20	0.1.	6 % C	67 E	क क हा हा हा	3 • 7 :	3 4 2 3 3 6 2 3	G • 7 5	3 # # X 9 * :	3 . 3 .	3 4 7	<b>3•4</b> 5 <b>9•2</b> 9	<b>3 • €</b> §	S 70
Y 1 V 1 V 1 V 1 V 1 V 1 V 1 V 1 V 1 V 1			पुड ( ) (८) (८)	03.9	9 के 18 65 18 65 18 65	ਦਾ ( # ਦ ਦ ਦ	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5 <b>4</b> 5 0	e ម មាន មាន	60 ST ST ST ST ST ST ST ST ST ST ST ST ST	31 T	ল ম	හි. ක වූ ර ර	স - ১৪ ১ - লও	• •	E * 15 G
V1 V1 1000			3 . 3	7 0 0 7 7 E 0 3	8	59.7	5 m s c	20.00 21.0	3 - 2 - 1 11 - 1	5 1 5 U 1 6	5 16 ( * 0 6	31.6	( ) ( ) ( )	ं व व	97.0 91.9	9. 0
008 ALAI		() () () () () () () () () () () () () (	* * *	55 ES	31.5 32.0	1.6	1.3	92.3	S. 9. 3.	42.3 93.0	\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	93.9	M. (5) 0	62° 93°	92.3	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
VI VI 808		• •	C ?	M 60	स्थ • स्थार ट • स्थर	ि । • <b>प</b>	2°46	6. 2. C	\$•05 C•56	5 % S O	2 <b>3</b> 5 5 5	95.2	2	35.2	95.2 95.5	. च प्र १ ज द्वा
V1 V1 8 8			© € 6 # 6 %	C * 5 %	ତ କଥ କଥ	6.7	97.4	58.1	67 - 7 30 - 1	97.7	4.85 5.85	<b>1</b> - 0 - 0	T 2 2 3	4.39 7.49	27.7	57.7 50.4
8 8 14 14		** F	0 ° 1 ° 1	ं य व व 0	07.6 27.8	7.7	\$ 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	5.62	7.30	96 • 7 99 • 4	000	1000	3 0	92.7	99.7	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
80		• • • •	20 40 40 40	् । • • • • • •	3 - CC	1.00 a	9.07	19 e	0 0 0 0	1 • 6 c	0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.001	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100°	: 30 c	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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NOURS (1.8.7.)

CEILING						,	ISIA	BRITY (ST.	VISIBILITY (STATUTE MILES)	ES)						
(FEET)	2	4 A1	\$0 ∧I	Al Al	₽ Al	% Al	~ Al	۷۱ ۶۲	7	, Al	¥ Al	* Al	% Al	≥ 5/16	3ª Al	O Al
NO CEILING Y 2000		. 1			य : 10 %	1 1	1.103	1) Po	7	# F	1. 1. c.	51.6	21.6	5.1.6	01.0	7.2.6
VI VI 0006 0006			W 6	3 3	4 A	P. P.	1 C C C C C C C C C C C C C C C C C C C		7.5		() () () ()	0 % 0 %	1 0 10 10 10 10 10 10 10 10 10 10 10 10	58.1	7 a	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
V 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			3 47 47	2.5	P	F- 3	នេះ មាន	10 m	- C	5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 S	F C C	7 b	5 to 10	50.0	50 e.s
VI VI 0007 0008		<u>.</u>	10 Kg	5 E	\$ . \$1 \$ . \$1	A	# M	W1 6:	4	0 -0 20 -0 -0 -0	A	53°5	1 C C C C C C C C C C C C C C C C C C C	3.50	9 4 8 8 9 8	9
VI VI 7000 7000			\$ 0.00 M	7 7	0 1	© ;-	70.7	73.7	7 1 . 7	7 . 7	7 7	71.07	7 .7	71.67	70.7 71.6	77
0009 Al Al		* *	1 T	E	17	- C	73.65	41.5	7.2.5	71.0	710.	71.5	72.0	71.5	71.5	71.0
400 400 400		•	200	0 m	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	72.0	( ) ( ) ( ) ( )	70.00	7:00	0.04	75.0	72.9	77.0	72.3	72.9	72.9
3000		F (5	7 7	N ()	(C. E.)	12 Pm	# 60 90 e4 60 m	76.2	76 0 1	76.1	76.00	76.5	76.5	76.5	76.5	7
12 12 20 00 12 12 12 12 12 12 12 12 12 12 12 12 12		. a . a)	27 15	1 3 7 2 4 1 7 8 7 8	ತ್ತ • • • • • • • •	स. ठ. १५ <i>व</i>	्र । • अ ः अ	11 er	( ) () () () () () () () () () () () ()	•3 ° • # • # • •	ري وي در در در در	2 - 3 a	C 0 4	2°5°	6.63 5.63	တ္ ၈. က က က ။
V 1 1800 1500		. 7	1	43 (A) 6 (4 (2) 6 (1)	<i>o</i>	u` >	23 <b>. य</b>		3 8 2 3	2 # # # # # # #	5. P. C. L.	55.2	2.8.2	65.2 37.7	5.48	(1 to
2 1200 2 1000		7.	( ) ( ) ()	10) (A) 10 (B) 11 (C)	• • • • • • • • • • • • • • • • • • •	:6.6 :8.1	N 00	2000	1.00 to 1.00 t	87.7 8.0	हर <b>ः ।</b> त्र <b>े ः ।</b>	30°4	<b>□</b> 37 6 6 6 7 7	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	20 € € € € € € € € € € € € € € € € € € €	
8 8 8 8 A1 A1		7 0 1	G €	5.3	.7.3 88.0	5.0	ल <b>२</b> • • • • • •	20°5	S	5 2 • U	80.4 91.0	89.4 91.9	10°C3	39.04 51.0	80°4 81°9	\$ 6 C
VI VI 868		1001	ଓ ପ	2.5.2	1. • C &	ं <b>० ।</b> वि <b>० ।</b>	5°25	\$ • 2: 9 • 2:	8 • 2 5 9 • 2 5	2.5	93.2 83.6	\$3.2 03.5	62.0	93.6	38.3 98.6	() () () () () () () ()
V1 V1 8 8		• •	73 ° 6 ° 7 ° 7	91.5		15 • 2	ડે <b>ક</b> જ જ જ જ	5.1	96.1	3.99	57.1	97.1	1 • 5 6 1 • 5 6	97.1	77.1 78.1	70.1
3 30 1 1 1 1				6.1. e.7	3 2 6	ម) ហ ម ស	<b>6</b> 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7.4	97.4 97.7	9001	9 8 8 2 3 9 8 8	# (1) 97 Q 60 Q	<b>3</b> (0	# C & & & & & &	9.00	3000
VIVI 80				91.3		4) <b>ι</b> υ 2: π.	्र । ५ ५ १ ६	57.7	57.7	98.7	5.00	3.6	<b>य क</b>	3 3 6 C	79.7	99.7

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TOTAL NUMBER OF OBSERVATIONS

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# **CEILING VERSUS VISIBILITY**

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T )

CEILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	ES)						
(FEET)	٧١ ة	۸I	\$5 A1	7.1	e Al	N 2%	7 Al	YI 27.	%1 ≥	AI	*	<i>≱</i> ∧I	% Al	≥ 5/16	Z Al	٨١
NO CEILING			-3 -50	टा जी ज		62 to	F 00	17 4	हैं- ध ਹੈ 4 ਪ ਹੈ	7 0 0 0 0 0	5.00 g	00 00 00 00 00 00 00 00 00 00 00 00 00	F 33 - Y	60.4 50.4	5.5	7 0 6 0 6 0 6 0 6 0 6
VI VI 0008 0009 0009			1 5 0	1 -	7 2 2 2 2 3	0.4	# 4 4 4	0 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(2) (2) (3) (4) (4) (4) (4) (4) (4) (4)	55.43	6-61	560.1	<b>10</b> 9 9 9	56.1	56.1	6.69
1400			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		(A) (4)	6.0	ल ए ଓଡ଼ ଓଡ଼	· I	1 4 4		7		# C	3 6 9 3	56.1	6.6.2
0006 A1 A1		r.	l	67.7	6 5 3 8 6 7 8	0.0	69 60 60	6.3		ं ं ५ ५ ३	 	0 0 0 0 0 0	10 C 10 C 10 G	69.00 69.1	€ 0.0 € 7.0 € 7.0	69 °C 62
VI VI 800 000 000		# J		5 C C C C C C C C C C C C C C C C C C C	7.5	1.6	71.6	71.	71.6 71.0	71.5	71.5	71.5	71.6	71.6	71.6	71.ºF
8 00 9 05 Al Al		3 3	L	1	71.	71.	71.9	71.6	2 2 2 7	7100	1 0 0 0	73.4	72.2	71.0	71.5	71.9
000 1 A1 A1				71.6	72.5	72.0	72.0	72.5	77.0	72.5	76.5	72.3	72.0	3.07	77.4	72.0 74.8
000 Al Ai			7.5	72.	10 to 10 to	0 P	€ 5 G	3.37	5	7	5 3	75.8	75.3	75 8 5 5 5	75.8 80.0	(C
12 12 20 00 12 12 12 12 12 12 12 12 12 12 12 12 12			1 P	30.00		9 E	80 0 44 10 10 10 10 10 10 10 10 10 10 10 10 10 1	<b>0 € 3</b> € 5 €	2 T	0 * 1 5	\$ 1 B	6 <b>6</b> 8 8	ធា <sup>ង</sup> ធ្វ ធ <b>ា</b> ធិស្ត	2 • E 3	21.9 25.5	ធិតិសិស ៤០ខិន
VI VI 0081 0081			<b>L</b> L	₩ <b>₩</b>	5 J	यः त क क े क	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	87.7	97.0	55.5 87.7	5	65.8	3.2.7	45.0	95.8	55.3 87.7
VI VI 000 1000			5 . S	14.2	5.0 m	7	6 0 . th	1	n •		2. 2	2 • € ×	7 . C	7 • C 9	30.4	43.t
8 8 Ai Ai		• 5		3 • 9 j	ဆ ု မ က မ က မ က	 	51.57	70 • 4 0 • 4 0 • 4	.1.	3.47	5.07	90.7	F	50.7	93.7	90° 4
VI VI 8 8		5 <b>4</b> 13 .	राष्ट्रम स्थाप स्थाप	2 5 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	900 P	.n. 3	71.7	71.3		61.3	91.3	0103	71.3	73.3	C1.5	01.2 53.2
V1 V1 8 8				600	0 4 0 0 0 0	か (i) (i) (i) (i)	3 30 3 30	5 • 2 2 • 3	35.5	3.00	1.5 B	2 ° 3 5	95.2 96.5	2005	95.2	ु•3 <u>6</u> 2•35
8 8 AI AI		ti o ta o	50 <b>ड</b> ८५ स	10 ES	2 (0 2 2 3 (0 2 (0	10 13	07.0	27.4	3 7 % B	1. 0. 0. 0. 0.	0 C C	<b>**</b> ***	**************************************	5 2 . 1	98.4 58.7	3 ° % 6
80				10 Pr.	रहरू • ५ ० १	तारा भज	0 T o tt	7.7	37.42	0 € 0 € 0 €	# # 5 % 5 %	3 3 6	4	<b>क</b> छ ८	98.7	97.

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### CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

Nouns (LST)

CEILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	£\$)						
(FEET)	0 4	۸۱	S) Al	7	N AI	Y 2%	N N	٧١ ۶۲	YI X	-	₩ Al	*	\$ Al	≥ 5/16	N IA	O Al
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# **CEILING VERSUS VISIBILITY**

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3 ) Nouns (1 8 T )

CERING							\$IA	IBILITY (ST	VISIBILITY (STATUTE MILES)	ES)						
(FEET)	2	۸۱	S) Al	۸I	ρ Al	Y 2%	N 3	۷. ۲	%I AI	- AI	% Al	<b>%</b> Al	۸I	91/5 ≥	% Al	٨١
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VI VI 0006 0006 0006		•	ا د د د د	8 9 2	7: •	2.2.	77.7	1.27	: 16	7.77	7.24	7.77	72.7	7.77	77.7	7: 7
1400		•	L. P 1	ا : د ر: ۱۰	76.7	77.	7.07.7	2016	101-	2011	7.77	7.07	70.7	7.77	7.97	77.7
VI VI 800 000 000 000				7 27	្រ () () ()	2 <b>€</b> €	1.7	4°1:	7 1 5 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	2.18	51.7	21.7	61.7	1.13	31.7	81.7
0002 A1 A1		Pr :	7.7	ে প্র ১০ প্র	- 10 - 10 - 10 - 10	10 M	् स् स	្រុំស្	• 1	. <b>च</b> ५	<b>3</b> 5 5	: <b>a</b> :		र कार किसार		: # 5 # 5
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8 8 AI AI			1.		16 F	7.6.7	546	57.3	1.0 C C C	7 - 4 - 5	P 2 2 0	7 2 2	5 <b>7 . 1</b>	7.10	57.7	67.7
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#### CEILING VERSUS VISIBILITY

RCENTAGE FREQUENCY OF OCCURRENCE

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CEILING					,		V.S	VISIBILITY (STATUTE MILES)	ATUTE MIL	ES						
(FEET)	۸ ا	۹ ۸۱	<b>S</b>	AI	£ Al	₹ 5%	2 2	۷۱ ۲۵	VI 7.	1	N N	*	S Al	> 5/16	N N	O Al
NO CEILING		•		D	100	( ) Pr	67.7	# * # E	F + 4	57.07	67.7	67.7	5.07	67.7	5.0 9.0 7.44.0	
VI VI 00091 VI		1- 7- 1-1 (1-1)	<b></b>	7.1.	77.3	72.7	73.3	F) F)	73.7	21 2 17 27 M	7 7 7	7 3 6 7	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7 F	7.60	740.0
Y 1 14000		; ·		71.7	7 . 7	19 A	73	73.3	2	73.7	7. 2. 3. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5.	13 6 15 15 15 15 15 15 15 15 15 15 15 15 15	73.3	73.5	74.	74.7
VI VI 0000 0000		5.0	7.	\$ * 5 ° °	76.5	76.3	0 L L	7	77.	77.	77.5	77.	77.0	7.	7.7.7	77.7
VIVI 000 7000	0 × 1.		76.7	78.7	7 7	70.2	(2) (1) (2) (3) (4)	ល់ » ៤	5 to	اه ان پا	0.00	ပြုက် လုပ် လုပ	() ()	. ଜୀ ପ୍ରଦ	6- 5 1) -	7
00 00 00 00 01 01	•		r- r	70.7	F (0)	70.7	40 M		\$1. P	Man An	50 M	2.2.4 0.4.4 0.8.4	W N	₩ + € <b>-</b>	ι. • α • α • α	C • 1 6
VI VI 0004	•			P- (	10 M	20.7	61.3	1 . 3	. No. 1	1	10 C	51.3	E C	7. T. C.		
3000	•	(W)		() P)	81 (d) 1 (d)	N J	h (1 h w u u	ト (2 所 (3) 3 (7)	N 0	8 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	52.7	93.7	F 1	0.3.7 0.0.0 0.0.0	100 mm mm mm mm mm mm mm mm mm mm mm mm m	54.
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88	, 61	, ,		7	7.40	ni iu	. • 5 5 . • 5 6	() () (0) () (1) ()	76.07	3 · 9 C	5.0	63 to 100	មួយ មួយ មាន	0 0 0 0 0 0	7.95	7. VO
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8 8 M M		7 • 7	5 7 8 7	F 6 3 7	1.6.7	. <b>7</b>	t∩ ~: α : ι''	<b>2.</b> € 3.	96. 38.3	7.50	95.7	36.7	7.0°.	<b>2.6</b> 5	7.66	99.7
VI VI 8 o	7 7 6	7.7	3.	7.4.7	3.7	. 7 . Y	7.00	7.3°	V : : 2	. 66	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7 · · · · · · · · · · · · · · · · · · ·	# . F	5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	00000	ប ជ ភូ ជ ភូ ជ

## CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CERLING							ŠIŽ	IBILITY (ST.	VISIBILITY (STATUTE MILES)	ES)						
(FEET)	2	۸۱	AI	AI	A1	1 2 %	A)	N Z	۲۱ ۱۳	- Al	z Al	*	Z Al	2 5/16	۸I	٨١
NO CEILING		7	1	•	7	:: F. 9		7 . 7	2	F. 1	± • ± 3	57.7 6 8 3	1.7.2	37.7	7.47	57.7
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2 8000 2 7000					10 A	72.7	7-4 10-11 1-1	76.07	14.0°	140.5	74.7	74.7	1 · £	74.7	76.3	7
0009 A1 A1			ر د د د د	( • L	7	74.	78.5	\$ 60 6 60 6 70 6 70 70 70 70 70 70 70 70 70 70 70 70 70 7	# 0 # 20 vi 5 ≈ 30	75.7	76.	75.		70.E	76.3	77.
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1 × 1 × 1 × 1 × 1 × 1 × 1 × 1 × 1 × 1 ×		11 F	7 5			() } \$ 60	P)	12 P	t t un to su in	بر در د در د	r 6	F 935	F 10	5 8 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	67.	; e
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Y Y 1 7200 1000			+ + + + + + + + + + + + + + + + + + +	4.7	9. U 9)		1	() P	[ P	7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7	U 6 7	C F		76.3	2
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8 8			7	<b>3</b>	7	5 4 G 7		14.7	7.07	7 E 9 7	( ) () () ()	<b>ट</b> क्रिय ए ()	យ ( u	6, 6 30 3 4 7		, , ,
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8 8 11 A1				-		7 . 7		5.3	5.9		. 65	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 , Fr	5.0	0 <b>0 0</b> 0	ं <u>।</u> १५ व
8 °		•	- 1					7 F 9 3	5.7	η 10 α 10 α	10 K 10 K 10 K 10 K	5	10 M C () U ()	39.0	() () () ()	27 E

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## **CEILING VERSUS VISIBILITY**

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CURRENCE

CEILING							VIS	VISIBILITY (STATUTE MILES)	ATUTE MIL	£5)						
(FEET)	٥ ٨	۸۱	S) Al	AI	N Al	17 2%	۱۷ 2	۲۱ ۲۰	۷۱ ۲۰	- Al	ä <sup>‡</sup> Al	* 1	X N	91/5 ⋜	۸۱	٨١
NO CEILING		•	•	٠ د	() -23 · -1 · 32	ar c	. 6	2 * 8 .	\$ 10 g		1 C	3 u 2 7	9 B 2	54.5 52.6	1.4.7	e । क्रा
VI VI 00081 000081					2 3	: 2 s s	1.5.7	7 . 2 . 7		12.3	£ 3	1.2.7	50.7	L • Z ;	6.2 • 7 6.2 • 7	7
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VI VI 0000 0000		\$ ~~	i si		انو ا ا ا		1	er e	, e , e , e	. 61 	,		g fr	 6. 4 4. 4	् । स ५ २ ३	3 S
V V 8000			7 7	78.	76,	76.0°	72.3 75.		14.00	7	74.7	74.3	ស្ស ៩ :: ៤ ::	74.5	76.	70.7
0005 A1 A1		1	, k	1.35	10.1	75.4	72.3	2 9 2 2 9 2	75.27	75.07	75.7	75.7	75.37	7	75.3	77
4000 4000			7 7	7.7	77.7	77.7	77.7	77	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
3000		7.	9.	7 - 4	£ • 0 € 8	7 . 3	6 (- 1. 3) 3. 7	5 B	50.07	1 · · · · · · · · · · · · · · · · · · ·	r- r- ∶ э √ 0	7 T	F 1	1- 1- 3- 6- 0	F : 0 3 F = 4	1 2 2 2
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VIVI 8 8		, <b>.</b> .	200	7 to 2 '	73.7	7.	97.5	7.7	57.7	37.2		57.3	* · ·	97.8	37.5	.10
VI VI 8 8		7	7 2	₹) 9	7.7.3	7 . 5. 9 . 5	1 • 3 C S	7.6	2 6:	1 ec	7.4.00	96.	7 0 . T	20.7	.00	6.0
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## **CEILING VERSUS VISIBILITY**

PERCENTAGE FREQUENCY OF OCCURRENCE

(FROM HOURLY OBSERVATIONS)

HOURS (L S T )

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27							NIS.	IBILITY (ST	VISIBILITY (STATUTE MILES)	ES)						
(FEET)	VI 5	۸۱	so Al	VI	es Al	Y 2%	N Al	٧١ ج	YI %	AI	≱ Al	<b>₽</b>	X Al	≥ 5/16	NI NI	0 A1
NO CEILING			•		1) F	6 F	0 <b>4</b> 5	21 s	5.5 5	5 5 4 5 5 5 5	5 <b>3</b> 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	6 3 • 7 6 3 • 7		53.3	55.5 58.0	57.
VI VI 00081 00081		•	៖ 0 • ម មូ វ	3.0	2:	1.7 er	0.7	100 p. 100 p. 100 p.	# # # 2 2	10 fr 44 fr 50 st	6	5 <b>2</b> 3 5 4	10 M	63.3	β. 2. 	5
Y 14000		•	£	1 5 2 7	13.7 F. C. 7	13.7	7 . 7 . 7 . 7 . 7 . 7 . 7 . 7 . 7 . 7 .	6 to 7.		6.44°	ويو د ويو د	64 B	© € 6 4	્ ક ન િ	. ଅ ଅନ୍ତ ଜ	0 to 0.0
VI VI 0000 0000		•	T	66.7	1 2 7	1.6.7	16.7	: 7 .		67.	• 29	e7."	£7.5	67.0	67.	67.
VI VI 7000 7000		•	,		2 g	Z 5	2 08	3	\$ 6 3	5 2 5	17 3 2 2 • e 4	5.33	2 2/ 2 c)	6.9 5 70 0	2 - 69 2 - 69	(
0009 AI AI			7.0.7	5 * J.	70.3	7 2	71.2	7.5	7 7	7 .7	4 6	70.7	7 . 7	70.07	7-7	70.7
71 A1		•	2 . 4	¥ ° € £	73.5	12.2	75.7	72.	7:47	76.7	7.07	7207	7.07	72.7	72.7	7.07
000 000 01 A;		· · ·		# 0 # 0	78.0	7 . 4"	76.5	74.7	7 4 7	77	2 49 2	74.7	74.7	74.7	74.7	74.7
Y 2500		, , , , , , , , , , , , , , , , , , ,	3.		4 H	. u	 6	20 M		3	* * * * * * * * *	ŭ.	ν <b>.</b>	#5 # ₩ # U 5	3 3	ं स क्रिकेट ह
VI VI 1500			010	1.2	· 1 • 7		N 1 N	5. 2	5.1.5	91.7	7 1 . 7	1.7	1.7	71.7	91.7	01.7
V 1 V 1000					7	5.7	6 H 6		_	5	#10 (31 P) (41 G)	60 C	K 60 7	1) ( 1) ( 0) (0)	15.7	15
00 00 A1 A1			; ·	n e	<b>6</b> 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	6.7	0.6.7	7,	27.0	57.	P. P.	n 1	1 k 3	37.7	27.	97.5
VI VI 8 70 8 70		~	•	5.7	33.7	7.7	57.7	( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )		ः ः		က ( လ ပ ပ ပ	C (	ं । १८ १८ १८ १८	C7	() () () ()
8 8 AI /		1.7	£ / .	•		* *	2 • d ∵	1.6.7	. • 7	4.00	1.3.	2007	7: - 7	25.7	4.00.0	•

TOTAL NUMBER OF OBSERVATIONS

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AI AI

88

88

AI AI

## **CEILING VERSUS VISIBILITY**

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2002

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CEILING					I		SI.	IBILITY (ST	VISIBILITY (STATUTE MILES)	ES)						
(FEET)	0 Al	۸۱	N Al	۸I	es Al	١٧ 2%	N Al	N N	VI Z	AI	¥ Al	∦ Al	Z. Ai	≥ 5/16	× N	O Al
NO CEILING			2 1	•	1 10 2 10 10 30	t) #4	, k		1 1 1	7 pc	C 6	17 to	C 6	F 6 2 3	2 to 2	. 7 . 7
VI VI 00081 00081		. (	<b></b>	M3 5 1	14 A	50 F	\$ 9 9 9 5 9 9 9	10 6 12 4 4	£ 3	43 g	61 6 6 4 7 4	\$ 0 0 0 0 0 0 0 0 0 0 0 0	F . 2.7	2 * 9 5 2 * 9 5	56.3 66.3	\$ \$ \$
V 14000 V 12000					5.2	73 °	( h	9 × 0		5.7°F	1 3	15.7 S	(7 h	0.7.8 0.7.8 0.7.8	67.	67.
0006 A1 A1				77	72.7	7-57	75.	. ព ភា ភ ៖ ព	7.5	13.	7.34.7	75.		73.	73.7	75.
VI VI 000 000 000		*	1. 1	75.07	7507	76.7	77.	77.	7 7 7	770'	77.2	77.0	3 4 5 7 7	0.77	77.2	77.
0005 A1A1			1: f-	1 4 E	77.3	77.5	7 2 7	7.7.	17.7	77 - 2	77.7	7.2.7	V (1	72.7	77.7	77.7
71 V1 V1 V1 V1 V1 V1 V1 V1 V1 V1 V1 V1 V1				75.7	70.7	70.7	6, 0 ( )	ខាន			13 · 0 /	្រ () () ()	u n	្ត <b>ព</b> ិ ភូ	) <b>3</b> 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	
3000			a o	ლ ფ ლ ა ა	P 20	M: P	P 0	F ()	Pro (	35.7	7- 13 6	₽: M: C: M: L:	7 2 ,	7 - 2 0	00 00 00 00 00 00 00 00 00 00 00 00 00	7 · 7
12 12 23 00 12 12 12 12 12 12 12 12 12 12 12 12 12			<b></b> -	. M	5 - 5 - 5	- M	7.00	F		h.	P	7.00%	<b>~</b> • 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	\$ 000 000	F 10 0	ا ا ا ا
VI VI 86.			: 10 6 3 8 0	** ! 'A 'S &	P P	7.8	0 t t	ं () अ	24° C	7 <b>4</b> 6 7		3 J	7 3 U	94°	940.	ನ ೧- ೧
A1 A1		, ,		t 4	10 A 10 A 10 C	7. S. J.	. 7 . 7	2:3		2 33		5.30	0 4 C	∩5•3 07•3	5.5	97.
88 MM		• • • a	7. 7.	0. 0 p to	F	6 S	ES MI	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	t- 3	6 C	61 60 60 61	5.4 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0	C. 60	. • L 0	97.5	U 41
VIVI 8 8		3 .F	10 to 10 to	7.7.	2000	600	6) 20 0 00 0 00	58.3 99.3	2 0	5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7. 8 30 1. 0	£ = 58	70 • 3 59 • 3	\$ • 86 \$ • 86	ହ • ଧୁନ ଅକ୍ୟୁନ	1 6 3 .
VI VI 8 8		7	£ 7	.*•5 0••6	7.0.	79.7	7.05	7.0.7	2 65 2 65	2 66 2 66	7.07	7 06 10 00	7.00	7.94	69.7	
8 8 N N		7 e 7	7		F . 5 . 5	\$ 95 \$ 65	7.62 7.67	L 5.	2 55 5 4 6	ر د د	<b>.</b>	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ល់	3 0 0 0 0	0 0 0 0 0	U 11 1 0 11 0
VI VI 8 o		7 P			<b>7.</b>	. 6	7.0.7	7.0.7	6.00		7 C	30 J	C 2	ပ ဝ င ၁ ပ	00°00	00 00 70 0

### CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S Y )

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CEILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	ES)						
(FEET)	51	<b>9</b>	۸I	۸I	e Al	≥ 2%	Z AI	۲۷ کر در ۲۷	2 1%		¥ N	∦ Al	Z.	≥ 5/16	NI N	O Al
NO CEILING				•		; i	1 0 1 E	D			3. ° ° ° 7	2 ul	7.00	10°7	1. 0 L	(m )
00061 YI YI 00061 YI		•	3	76.7	7.07	7 . 5 . 7	7 . 7	7 . 7	اء ا	7 • 1	7 . 7	77	7 . 7	7 7	7. 7	7
V 1 V 1 2000	- 1				73.7	70.7	76.7	10 T	100	75.7	7007	7 . 7	7 . 7	77	70.7	7: 37
0006 A		• •	\$ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			: 61 :0 4 :0 7		7	7	7.0	75.	5.00 J	75.5	75.5	75.0	75.07
VI VI 0007			7	5 C	. [3	7.7	ر د د د	10 L	7 L		2 U S	5 3	7 . 6	52.07	7.13	69. 0.
00 00 00 00 01 11			7	1	\$1.	i en ::	.1.	1	10.7				<i>□</i>	71.0 22.0	1.00	3.1 ° C
VI VI 8 8	-	7	e e	***	3	(1) (1) (1)	• 5		( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )	2 - 7 - 2	C	2.2 ·	7.0	5.2°.3	0.23 8.4.1	( ) ( ) ( )
3000		•			7	2.6	17	7.5.7	. 1	2.7.2	€ 1- 00 10 30 31	2 Pe	7-13	0.50	P. S. P.	87.7
7500 17 17		• · · · ·	•	 	٥		14)	*	<b>∞</b> (.		3 C C C	30 () di	က င () () ()	80.08 82.03	83.7 52.0	r .
VI VI 88 2 80 8	-	<b>.</b> ∀. 3		~ ;	<i>P</i> 0	4 4			( P)	12 m	( ) M	7 A	( 8	D = 25	C - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 -	
8 8 8 2 8 2 8 2 8 3	-	•	- ,	: 3	•	3 3	,	4.7	7 8 7 9	7 to 0	,	F 3 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	7.4.2	7.40	94.7	24 - 1 97 - 1
\$ 8 AIAI		•				. ,	77.7	₩ ₩1 - 11 1 - 11	. P	7.7	1 A	~ P	α	. 8 C	C 8 8 7	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
VI VI 8 8		•	F - 41			i 7	75.0	7 7		6.0	F	7.5.7	1.2.2	0.00	58.7	1 2 0
VI VI 88		•	7		7.7	79.7	F 6 6 6	0 0	P 10	F 0.0	5.00	50° W	M 600	29.0	29.3	2000
8 8 AI AI				5 - 3	7.5.	2.0	3 C C	7	0 U	20.00	66.7	29.7	7 0 J	2665	09.7	
80		: }	·			٠ 9	0.00	7	10			00 00 00	E .	20.00	000	90°0

# **CEILING VERSUS VISIBILITY**

HOURS (L S T )

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PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

(FEET)							1									
<u>~'</u>	으 시	o \1	ه ۸۱	۸I	e Al	12 2%	~ ^I	71	¥1	Ā	* *	# Ai	S Al	≥ 5/16	N N	A1
NO CEILING		5.2	6.	5.5.7	73.7	1 · 2	1.07	2 0 1	( ; 3	5003 78.0	0 8 4 8 4 0	5 2 3	26.7	6.8 s 3	6×43	3 5
1800 1800 1400		F . F	F- F-	F F	72.7	7.85	72.7	74.	14.	7 7 L	74.	- hL	. h _	3.45	7.27	74.
1 1 4000 1 2 000		•	N		73.7	72.7	70.	74.7	, # # # # # # # # # # # # # # # # # # #	7400	5.24	78.07	2 0 0 Z	1 5 5 L	7 to 7	74.
0000 A1 A1		3	7 . 7	20 E	7 ( ) 7 ( )		5 C		<b>7</b> € 13 13 13 13 13 13 13 13 13 13 13 13 13	й. • 7 В		6 ° • 7 2 0 • 7	₽ W	# # # # # #	60.7 50.7	1. C
41 VI 7000 7000				3 3	្រ <b>ា</b> ង: • ស្ប	3 3	3 A	M: W	1 m វ ភ	6 M	# 3 # 3 # 6	χ · σ	17 PM	7 E • 3	1 31 31 X	3 3
9009		14 A	7 .	# 2 67 23 67 25 67	# P	10 to	#, #1 호 (: 조 (:	1-1-1	7	7 . 3 %	1 0 H S	5 0 1 d	54.7	1 · 5 8	7. 48	84.7 65.7
4500			r r	8	# 2 # 1 # 1 * 1	5.3	1 · M	5.6.7	r 5 - 7 88 - 7	950.7 800.7	55.7	75.7 26.7	6.7	35.7	55.7 85.7	65.7 50.7
3000			0		C. 19	8.	<b>. •</b> 3 5	ზ მ მ	€ 37 2 · 6 ·	28 <b>8</b> 3	5 - 5 5 5 - 5 7	to • a ≈	• 0	ე•86 ≨•86	28.3 23.0	(D)
2500		e ⊕ • ⊕ •)	d) 0	12.7	7.1.7	7 7	×1.7	2.6	7.5	2.5 E	7.50	0.20	3 P	22.	42°C	95.7
1800		<b>.</b>		M #7	۲۰ E	1 · U	# 50 1	~ M	7.52	33.7 95.3	F 25	55.3	5.7	53.7	1.50	6 G
1200		****	0 0	5.2	3.6 . 3.	2 4 5 Z	5 6 3 5 0 7 6	1.9	66.7	5.3:	97.7	7.6.7 97.7	5.7.7	5 7.7	1.6.7	1.10
8 8 A1 A1		<b>.</b>	β. υ σ		T 20	7.7.	7.79	0. U.		9 : 5 Z	ρ. φ φ χ χ. φ. (c				0: Q(	
8 7 8 8		, ,	۰ ۱ د ا	7.7	7.00		<b>P</b> • 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	CO .	( ()	6 6. 0 6. 0		() () () () ()	( 0 c	- 60	0 6	60
8 8		. ,	5 - 6 6 - 5 6 - 6		<b>日本</b> から 5	6 G	6 V	0 0 0 0 0 0	0 0 0 0 0 0		0 0 0 0 0 0	0 0 0 0 0	6 6 6 4	0 0 00 0	000 000 000	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
8 8 8 1 A I A			7 0		7 60 7 9 7	F. 60 60 7	κ κ υ φ		1 ( 1 ) 2 (	00°00 00°00	5 C C C C C C C C C C C C C C C C C C C	90°C	0 a 0 0	ជា ជា ជា ជា ជា ជា ជា ជា ជា ជា ជា ជា ជា ជ	2 GU	r 00 00 00
80 80				17 t	50° 3	e e	99.7	00 00 00	C U	30 00 0	ं 0 ८ ८ ८ ८	30°3	0 0 0 1	000	 	00 00 00
		• • •	• -   • -		البحيا	3 3 5 5	60 7 99 60 7 90 60 8 7 9 60 8 60 60 80 60 8 60 60 80 60 br>60 80 60	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	64 2 7 9 3 96 7 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	64 2 7 9 3 96 7 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	99 7 79 7 96 7 7 7 7 7 7 7 7 7 7 7 7 7 7	99 7 99 7 99 7 1 1 1 1 1 1 1 1 1 1 1 1 1	99 7 99 7 99 7 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$9. 7 (9. 3 90. 7 10. 3 6. 7 10. 60. 60 60 60 60 60 60 60 60 60 60 60 60 60		\$9.4 7 9.4 3 90.7 10.3 10.5 10.5 0 00.0 00.0 0 00.0

## **CEILING VERSUS VISIBILITY**

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING		} !	   				VIS.	IBILITY (ST	VISIBILITY (STATUTE MILES)	ES)			' '			
(FEET)	N 2	VI 4	N Al	AI	M Al	17 2%	~ Al	VI Ž	× ×	~ Al	₩ N	# Al	۶ ۱۸	≥ 5/16	Z Al	0 41
NO CEILING		23 y	F . 3	3.7.3	7	. 0	1.2 . 5.	7 G	3 ° 0 4	3 <b>-</b> 3 4	5.3 ° 5.	€ 0.35 8 3 3	4 <b>6</b> 1 4	3 14 4	( ° a	0
VI VI 000-61 000-61		• . :	,	C4 (1)	60) 67 9 (4) (4)	50.7	0 25 0 29	6 0 4	<u>ਪ</u> ਦਿ? ਪ <b>ੇ</b> ਹ ਮੇ		100	69.1	1.00	6.9.1	69.	5 0 4 5 0 4
V 1 V 1 2000 1 2000		- 1		3 L	e. (	0 <b>0</b> 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1. A	2 · · · · · · · · · · · · · · · · · · ·	2 4 4	5 2 • 5 9	ធ សុខ ទូ ១៩	59. I	( C = 3	5 ° 0 3	59.5	69-5
900 8 000 8	•	7 · · · · · · · · · · · · · · · · · · ·	7 2 5	1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	73.F	3.7	76.	14.1	# 0 # # # # # # #	0	7 tt . 2 7 tt . 3	2 0 1 C	74.2	2 n L	74.3	76.2
8 6 8 6 8 7 8 8			ř. K	76.7	77.7	73.5	77.6	3.77	1 L .	75.	C - 1	7. • 1	7 ° C	78.2	74.1	75.1
9 90 Al Al	•		۲ . و . د	77.5	7 7	5.07	20.07	2002	5 5 £	7 . 2 T	8 54 5 54	76.5	73.5	78.8	72.9	76.9
VI VI 854 864	•	, 1 m	7.	70.9	70.5	79.7	87.93 31.6	2.0		8 13 3 0 .	e 13 2°∪3	<b>ある</b> した	63 A	£ • C •	6. 1. 0. 1. 0. 1. 0.	3 to 2
000 000 01 Ai	•	7 7	1- 5	1.0	8 3 2 ° 2 °	3 - 2 -	5 . 3 . 3 . 3 . 3 . 3 . 3 . 3 . 3 . 3 .	\$ 5 g	10 1	3.5	5 2 <b>. 1</b> 6 5 . 8	.3 <b>.1</b> 86.9	. 3 . 3 . 3	23.1 26.	23.2	1) e-
1 A I A	•			1- 0	U . F.	2.8.	3.00	3.00	92°F	5 .6 61	43.65 91.8	30.00	9.60	9.4.0 9.10	6 6 9 2 9	₩2 ( ₩ () ₩ ()
VI VI 86 86 87	•		10 t	99.0	3 <b>•</b> 0 €	01.2 21.3	) 1 o c	9 <b>t</b> :	6 7 5 8 * 1 5	6 1 6 6 1 6	U 45	91.9	C	01.0 01.0	9.5°	, s
VIVI 520 500 500 500 500 500 500 500 500 500	•	e. e	art ey c	\$ a	4.5	7.8.8 8.3	2 - B 5	3 a a	3 70	2 9 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	5 4 5 F	94 B C	9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 <b>8</b> 0 0 <b>8</b> 0	# # # G	F- 1
88	•		6 P	600	2 0 3 c	7 • G	56.2	56.4 27.1	16 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	36 <b>€</b> €	3 K . 6	6.8 b	₩ M ₩ M	36.6 97.7	37.4	90.7
VIVI 88		5 • 7	7 · 6	3 ° 8 '	1.0	. 6.	97.2	77. E	1	97.7	9 7	Z • Z 5	7.7.	97.7	2.4	97.8
VI VI 8 8	•	T • 3	2 13	<b>5</b>	2 4 5 2 4 5	7.4.5	в. 7 С	. 60	C • 6 5	हु । हु । हु ।	9¢.	0.00 G	6 80 C	3 60 50	59.5	96.5
30 30 10 10	• •			 b (	7.4.5	0.00	C C	0 6 6 C	C + C C C	41 to 1	3 \$ 99.7	5.9.5 5.9.7	3.00	59.7	90°8	3 C C C C
VI VI 8 o	• •		7.5	u : t :	1.7.E.	2 0 0	30.1	10.7	7.00	3 85 8 85	3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3.00	90.00	H • 60	0 0 0 1	0 C

TOTAL NUMBER OF OBSERVATIONS

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## **CEILING VERSUS VISIBILITY**

HOURS (L S T )

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	VISIBILITY (STATUTE MILES)	ATUTE MIL	.ES)						
(FEET)	01 %	۸I	S) Al	۸I	٨١	> 2%	2 4	٧١ ٧	۲۱ ۲	1 =	* 11	<b>₩</b>	% Al	≥ 5/16	¾ Al	٨١
NO CEILING		2. • 4	) ) ()		, t,	0 u		1.0	1.0	61.3 58.5	32.5 55.0	61.3 66.5	103	61.3 56.5	6143 6645	61.5 56.2
VI VI 00091 16000		• • 2 0	\$7.43 # # # #***	\$ 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	1: (1:4 	ر از ان اور ان ان ان	16.1	£ 6 • 3	\$ 9 T	1 0 1 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	66.5	3°99 5°99	86.88 86.88	5.63	66.2
12000			• •	0 0 6 4 4 4	(v) (s) (v) (v) (v) (v) (v) (v) (v) (v) (v) (v	6 . 10 10 . 40		7.00	1.5.1 1.1.1	10 to 10 to	6.6. F	• •	66.5 5.7.7	56.5	5.93	66.5
90 % A1 A1			င• • / သော	F = 5 5	7.4.3	7.07	710.	3 - 6	7105	6-17	71.5	0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5-11	71.9	71.9	71.9
VIVI 000 000 000 000 000 000 000 000 000		14	150 / 100 s 100 s	, , , , , , , , , , , , , , , , , , ,	6 (f) 6 (p) 6 (f)	ις 1 1 1 1	(7 (d 10 (d 10 (d)	76.67	74.5	74.5	74.00 70.00 00.00	74.5	24.5 8.8	3 to 50 to 5	74.5	74.5
8 8 8 8 8 8 8 1 A 1		. (I		a • ₹ • €	70.07	2 33 2 33 1 5	10 10 1 4 1 4	6. cn * * 9. cn tr t	40.07	76 • 1 77 • 1	76.2	76.1	76.1	75.1	76.1	76.1
VI VI 004 006		3 15.	, j	77.0	Cy	76.1	7600	7-1	4.4	77.4	77.4	77.4	77.4	77.4	77.4	77. 4
3300			2- 10	74.	37.0	7: 0 4	0.1	9.05	7 . 4	W = 12	7.8.7	79.7	7.01	7.67	× 0 . 4	4 5 5 W
7 500 10 10			7.0.	1-0	4		1 4 6 5 4 6 3	•	• •	•	(1 pr (2 pr (2 qr	27.5		0 P		3 6 6
			7	0 .	3 7 .	TU 07	10 ar	1		7 1 . 1 2 . 2 . 3	1 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	2000	a pr	1.0	6.7.1	120
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88		•	• •	<b>3</b> (	4 C	 	96 . 1 46. 8	77.	• • • • • • • • •	T • 1 6	3 5 0 3	サオ いい いり	3 3 0 0 0 0	3 3 0 0 0 0	3 .1 6 0 6 U	
8 8 AI AI		•	•	•	10 fg	10 10 10 10	7.7 E	7.8.7	7.5.7	1.000	တ္ ဗ က က	00°0	<b>L C</b> C C	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 60	
80		4 	• •	•	€ €.	 	.g .g.	7.5.7	9.4.4 0.0.0	1.56 1.66	ر د د د د		0 U U E V V	0 0 0	00 CJ	. C • • • • • • • •

## **CEILING VERSUS VISIBILITY**

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2 & 1) SERON

BORTE

CEILING					}		VIS.	IBILITY (ST	VISIBILITY (STATUTE MILES)	ES)						
(PEET)	5	۰ ۸۱	N) Al	٨١	۸I	۱۷ ۶۶	N Al	N N	VI Ž	- Al	* N	₽ Al	S N	≥ 5/16	% Al	0
NO CEILING		•	n a	27.				~ 3	£ £	•	λ•. γ•. γ•. γ•. γ•. γ•. γ•. γ•. γ•. γ•. γ	( c.	၀ ရ ရ ရ ရ	6 1 3 A	C 3	P)
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1 1 400 1 200 1 200 1 200			F	Fr. 70.	7 : . 2 : .	C, C,		2 6 3 4 4	3 2 0	U U U U	6 C	2 10 2 10 2 10 3 10 4	6. C. 6 6 4 4)	0 0 0 0 0 0	0.00 0.00 0.00 0.00	£6.1
VI VI 800 800 800 800 800 800 800 800 800 80		• •	7		3	3 10 3 10 10 40	€ 6 3 3 3 3	2 0 4 %		67.4	4.7.3	67.04	67.4	57.04 £7.7	67.7	£7.7
900 7000 71 A1		• •	' '	C 0, 13, 14, 14, 14, 14, 14, 14, 14, 14, 14, 14	, , , t	7.0	71.	71.3 72.5	7.00	7.00	7 3 0 5	70.3	7-07	7203	72.3	76
0005 AI AI		• •	. T.	( <del>.</del>	, - ( )	72.5	( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )	C - 27	. C	7 30	72.07	73.9	C	5.24	5.27	74.2
1			F		, , , , , , , , , , , , , , , , , , ,	,, , , , , ,	2 d d	76.1	2 4 5 5	₩ + W + W + W + W + W + W + W + W + W +	72.2	75.3	7.0.7	75.0	75.6	77.4
1			1	7 /3	7 - 1	6	76.5	12 to	n L • L • L	77.4	7 2 2 2	77.7	77.7	77.7	77.7	70.1
250 250 250 250 250 250 250 250 250 250	!	• •	u .			7.6.7	,	e	4 C	( ) (?) 6. (?)	ប្រ	€ U	Cr. L.	. 20 S	0.20	6 4 d; 6 17 81 Ct
VI VI 008 1500		•		. 2 .		2		653 GE GP GF	•			10 FF	5.0	75.5	35.5	1 - !
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88		• •	t	4 t.			- 3 - 46 - 6 - 6	( ) • • •	•			F (2)	P) (		5.5° C	40 G
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8 8 8 8		47 m	r . r.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		7	.^ . • • æ .₹	,	 	7.0	74 J	- y			• •	3 C
8 8 Al Al		• •	7				tall to	7.4	<b></b>	% ° % €	* * * * * * * * * * * * * * * * * * *		<b>3</b>			1 P. 60
8 e			7		0.00	ા <b>.</b> દેવે <b>.છ</b> પ્		7 . H	3 4	 7 e 0 7	# * C C	य <b>य</b> 0 क	<b>3 4</b> 0 0	# 17 	7.60	.: (1 \ ) (2 \ )

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING	,						VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	ES)						
(FEET)	VI 5	۹ ۸۱	S) Al	٨١	M Al	2 2%	AI	۲۱ ۲۳	×1 ×1	ŽĮ.	≱ Al	∦. N	چ Al	≥ 5/16	% Al	O Al
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V 14000		• •		7.00	1 L	7	- F.	F	4.07	2 ( 3 6 ( )	2 € 2 € 3 €	<b>ਰ</b> •	នា (). • ប្រ មៈ ប	59.4 50.7	3° 0° 0° 0° 0° 0° 0° 0° 0° 0° 0° 0° 0° 0°	50°t
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00 00 00 00 01 01		•	. ន : ! ហ ភ	2 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		70.7	73.67	71.	0 - 7 L	3022	0.21	6.27	2.27	7305	2°92	75.3
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3200		7	 4. 4.	70,		73. 25. 35.	5° 0 F	6.3		3 <b>6</b> 6 5	77.1	77.1 E.3	77.0.	77.6	77 a 4	
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:				7. p. m.		40 P.	. b	5 0 3 0 0 0					F. 29 P. 3 (* E. 3 (5)	0000	7 <del>2</del> 1	2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
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VI VI 80			3 & W	# #	<b>3</b> 5		12 12 13 14 15 15 15 15 15 15 15 15 15 15 15 15 15	1 U	<b>4</b> 3	2.4.7	2	7 () 7 () 6 ()	7	1000	G G	, c

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T )

CERTING							ŽĮ.	IBILITY (ST	VISIBILITY (STATUTE MILES)	ES						
(FEET)	9 Al	۸I	S AI	<b>→</b> Al	es Al	≥ 2%	Al	Y1 Y1	VI 7.7	- Al	¥ Al	₽ Al	Z Al	≥ 5/16	Z Al	0 A1
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VI VI 0000 0000 0000		• •		63 m 65 m 6 %	#1 (7) 1 - (2) 1 - (3)	77.1	57.1		5 5 5 6 9 9	7.7.1 8.7.4.1	€ 50 0 0 0 0 0 0	57.1	f 2 (1)	57.3	57.1	
71 VI 7000 7000		~ .		3 4	6 ( 1) 63 * 14 (g)	10 ( 20 kg 2 kg	(d ) (d ) (d ) (d )	2 • E3	Po (5) PO (6) CO (5)		0 / 10 20 / 10 20 / 10 20 / 10	5 3 • 53 •	7 4 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7 6 7	2 <b>0 2 3 3 3</b>	(3.2) (3.5)	
00 00 00 00 01 11			0	~ .	ं है. 177 ज 47 का	7 C)	5 m 5	ं है। हो अन दे े	. <b>१</b> . १. ड २ ४	20	, () 2 3 3	1 (1 1 (1) 1 (1) 1 (1)	0 (c • • • ± £ ;	© € 60 % 0 %	53.0	0.00 0.00 0.00 0.00 0.00
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7 500 1 1 1 1		• •	, , , , , , , , , , , , , , , , , , ,	76.5	2 C	က် (၈) (၁)	7		76.1	78.01	7	6. 9 6. 8 6. 8 6. 8	p=1 p=1 0 0 0 1 0 1	76.1		76.3
V V V		1.6	77 1	4 - 7 - 7	• •	0.3 06.1	6, 5 0, 6 0, 6 0, 6	€ 5 5 9 7	3 - 3 B	95°4	f) ( t) (2) 2)	• C; S;	~ 4	*)	17 (f 6 6 1 (f) 10 (g)	
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88		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7. ° ° ¢	9 1	2 to 2	5.85 5.85	3.26	7. 35 8. 85	ර ර • එ ආ	96.65 75.65	5 · 3 5	7	<b>3</b> • 3 0	0 <b>0 0</b> 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	94.5	74.5 50.5
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8 8 8 8		7.7	6.3	3.67	े कि <b>क</b> जिल्ला जिल्ला	7.7	\$ 0	10.7	95.7	7.02 7.02	\$005 \$0.7	99.4 99.7	<b>3</b> • 0 · 0	# 65 55	39.60	1.60 1.50
8 8 Al Al		6.66	ر ق د ق د ق	e • § • € 6	 	\$ \$ • \$ ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° °	95°6	უ*ბი უ•ტი	8 ° 5 € 5 ° € €	. • D	00 00 00	3 3E	C (	n 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	က ည င (၁ (၁ ပ)	6 3 6 6 6 6
VI VI 8 o		7 2 7	(	ကု ချ • • • • • • ဂ •	3. 3. 3. 5. 5. 5. 5.	(i)	<b>37 35</b> <b>37 6</b> <b>37 6</b> <b>37 6</b>	2 ° 6 °	3 G	ယ် () ကို ()	င် တ သင် (၁၀)	ភព. 30.ព		្រ ១ ១ ១	00°00	0 U 0 O 0 E

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## CEILING VERSUS VISIBILITY

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			STATION MANG	PERCE!	PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)	FREG	UENC ILY OB	Y OF	OCCU	RENCE S)	s m			[	NOWAY OF S	- - -
e z							Vis	IBILITY (ST	VISIBILITY (STATUTE MILES)	Î Ŝ						
(FEET)	V 0	Al	\$5 A1	۸I	E AI	12 2%	N Al	۷۱ ۶	Y1 %1	- AI	≯ Al	<b>₩</b>	S.	≥ 5/16	¾ Al	O Al
CEILING		•	3	3	7	· · · · ·	्र । अ	2.0	4 · · ·	# 3 o t	1	0 · 1	€ . 2 2	3 · · ·	4 0 pm	3
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12000			•			/ J J					56.5	N 40	200	5.50 2	C	
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0008		1.5	•		H • 2 %	# 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7	37 17	36.36	ម ១៤	29 ° 31 '41	4.6.5	•	7.000	4 6 6	7 1 0 14 1
7000		•		M M		رم الم الم الم الم الم	6.000	P . C .		F		20.00	, o ,	6.1.07	7 ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° °	
8 8		,			); • • • • • • • • • • • • • • • • • • •	73	3 10	5.5 o.f.	• •	( )	13 1 2 2 4	3	4	4 <b>1</b> 4	v; • • • • • •	£1.c
8				1.	7.1.2	.1.	61.	.1.0	510	010	610	61.5	3 . 3	51.0	51.	2.19
800		<b>1</b>		15.t	85.0	€3.0	63.0	63.5	650	63.9	53.8	63.0	6 7 0 0	5027	63.5	\$ £
3500				6 to 6	(	r : 0	11 7 11 7		() ( 4) ()	10 0 01 7 03 7		0 P	14 U		43 64 67 C	N. 11
			2			78.7	3		7367	72.7	7: .7	1056	77	72.7	78.7	77
5000		7.7	(E)	ي 1.7 (	C .	5	€\.	64 10	C.	04 - 27 - 13	€ <b>.</b>	<b>₹</b>	64 E-1	3.26	5.83	(1) (1)
1800		•	· ·	(2) <b>3</b> (4)	15.3 16.5 17.5	3 0 0 1	€ 4 • •	2 • S	(\)	€1 13 13	2000	€ 0 € 1 € 1	C.	Γ3 Ψ :	2.55	€3 • 3 • 4
1500		•			S (		۲۰۰۰		7 ·			١	L .	•		
0021		4 3	• • •	- 1·		, , , ,	νη ε: •	ST O	• (	ان ن اد لا اد اد	3 V	11 to	اد ن ا ا	) u	- U	. C
3 8		• .	•	3	• •		3.5	(C)	0.00	0.00	, 6.3	5.50	3.0	.5.1	36.1	40
38			•		(a,	7 . 4	9.7.0	7.4	97.4	1.60	7.16	1.2.	17.7	1.1.	7.14	4.25
200			•	300	7.1	77.		1.7.7	P	+ • @ &	nº ac	<b>30</b> 0 0	.3	78.4	3 0 0	3.
8		(*) (*)	6 • •	11) 10) 10)		1.7.7	57.7	1.25	F-	3 . 40	40 60 73	38.4	70.0	1 0 0 t	и <b>.</b> В	-1 -
8		.,,	. 6	•	• • •	<b>2 6</b> %	2	10.7	7 × 1	3 - 6-6-	* 00	7.63	4000	† • 5 ½	3.60	7.00
8			ς. • φ	·	1000	2.2	76.47	78.7	7.07	\$ 0 ¢	5 ° c 6	5 ° 6 5	3 · 0 ·	39.4	3.00	
88			2.6		5 5 . 1	1031	7.83	or p	٠. د د	6 6 6 7 0 7 0	<b>\^</b> • ≈ ≈ €	1.56	ر ر د ر	79.7	0.0	F 3. 1.
3		•	•	•		•			•			- 6 6 6	•	- F		

TOTAL NUMBER OF OBSERVATIONS

<u>8</u> °

# **CEILING VERSUS VISIBILITY**

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T )

MONTH

CEILING				ļ			VISI	IBILITY (ST	VISIBILITY (STATUTE MILES)	ES)						
(FEET)	۸۱ 5	۸I	SS AI	۸I	e Al	> 2%	AI	۷۱ ۶۲	VI 71	_ AI	i₹ Al	₽ Al	S Al	≥ 5/16	Z Al	٥
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9096 AI AI		•	() em () () () ()	2.•38 3.48	3.6. E	4 - 2 3 5 - 45	2.03 6.7.9	4.35	2023 203	56.25	2023	6.634	1. 2. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3.	66.00 t	5.5.8 £	5.6.2
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TOTAL NUMBER OF OBSERVATIONS

332 372

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HOURS (L S T ) . ~

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	IBILITY (ST	VISIBILITY (STATUTE MILES)	ES)						
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## **CEILING VERSUS VISIBILITY**

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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HOMTH

CEILING							V .	VISIBILITY (STATUTE MILES)	ATUTE MIL	ES						
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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING							SIA	VISIBILITY (STATUTE MILES)	ATUTE MIL	ES)						
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TOTAL NUMBER OF OBSERVATIONS

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STATION NAME

## **CEILING VERSUS VISIBILITY**

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MOURS (L S T )

MONTH

CEILING							VIS.	IBILITY (ST	VISIBILITY (STATUTE MILES)	ES				   		
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## **CEILING VERSUS VISIBILITY**

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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SELLING							VIS.	VISIBILITY (STATUTE MILES)	ATUTE MIL	[S]					[	
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VI VI 600 400 600		•	N	7.53	73.5	2.0	7: 7	7 7 2	2 7	200	7 P	7:03	70.07	76.3	76.2	
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## **CEILING VERSUS VISIBILITY**

HOURS (L S T )

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING			<u> </u>				VIS	VISIBILITY (STATUTE MILES)	ATUTE MIL	ES)						
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TOTAL NUMBER OF OBSERVATIONS

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## **CEILING VERSUS VISIBILITY**

HOURS (L S T ) . i i i i mom ę-

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CELLING							S >	VISIBILITY (STATUTE MILES)	ATUTE MIL	ES)						
(FEET)	VI 5	AI	ss Al	AI.	AI	1 2%	~ Al	VI Z	VI 7.	AI	≱ Al	# Al	\$ Al	Y 5/16	.≯ Al	O Al
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## CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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## **CEILING VERSUS VISIBILITY**

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HOURS (L S T )

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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## CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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(FEET)	2	Ai	\$ AI	7 1	e Al	N 2%	N N	VI K	VI Z	Ā	≱ Al	<b>₽</b> Al	N S	≥ 5/16	,ª Al	O Al
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## CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS IL S T :

CEILING				!			VS	IBILITY (ST	VISIBILITY (STATUTE MILES)	ES)			,			·· <del>·</del>
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STATION NAME

## CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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TOTAL NUMBER OF OBSERVATIONS

# CEILING VERSUS VISIBILITY

STATION NAME OF STREET	PERCENTAGE FREQUENCY OF OCCURRENCE	(FROM HOURLY OBSERVATIONS)

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T C S T SEROR

A	CEILING		[   					VIS.	IBILITY (ST.	VISIBILITY (STATUTE MILES)	ES)						
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**CEILING VERSUS VISIBILITY** 

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CEILING VERSUS VISIBILITY

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## CEILING VERSUS VISIBILITY

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8 8 A) A)		• •		2.0	4 (3) 6 (4) 6 (9)	5.5°.2	6 mg	3 3 1-0 0	# <b>*</b> € €	3.4.0	57.7	F		7.3	7.5	7.7
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TOTAL NUMBER OF OBSERVATIONS

77

## **CEILING VERSUS VISIBILITY**

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

BONTH C

CEILING							VIS	HBILITY (ST.	VISIBILITY (STATUTE MILES)	ES)							
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8 8 Al Al		e-7 e-1	· ·	P. P.			6 6 6 6 6 6	F	स्य ख	<b>7.</b> 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3.	<b>t</b> ~ c €	~ .	7.00	r	4.00	( (·	
VIVI 88		• •	7	7 . 7 . 7		 	L. 1	• •	2 3			• • • • • • • • •		c o	cr n	0 0	
71 VI 8 8			7	7 - 7	0, 0, 6, # 0, 0	• •		3 3		fr. fr. 1	1 C	7.00	F	7.00			
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STATION NAME

## CEILING VERSUS VISIBILITY

J. L.

PERCENTAGE FREQUENCY OF OCCURRENCE	
(FROM HOURLY OBSERVATIONS)	

CEILING							×IS.	IBILITY (ST	VISIBILITY (STATUTE MILES)	ES)						
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VI VI 000 000 000 000 000			. • . G	. 6	63 83 • • d	9 <b>.</b> ) 9 <b>. 6</b> %	7 . 7	7.0.7	6 * § £	71.4	7106	71.4	11.6	71.6	71.5	71.00
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3200		• •	( 4 ( 4 4 (4)	2.6	77.5	77.	C. III.	7.43°	5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	v 1 • ∴ v • 5	101	1.1	1.5	102	65.7	2 2 3 0
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## CELLING VERSUS VISIBILITY

MOURS (L.S.T.)

HOHTH

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING				;   		, 	ViS	VISIBILITY (STATUTE MILES)	ATUTE MIL	ES						
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NO CEILING			() # () () () ()	) [ ] ] ]	25.0	F-10 P-1	710.	77.0	7 6 1	3 0 0 A	75.4	3.445	2 2	74.62	74.7	74.
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0009 A1		•	•	700%	<i>i</i>		2 · 3	63 1	•	7.1	7.1	27.	. 7	7.1	7	27.
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× 4000			13 - 2 - 3	75.03	≥ 1 • ~	1.		2.0	٠,٠,٠		27.7	57.7		17.7	(7.7	47.7
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- 1		æ1 • €	•	J • 1	• 1	67.4	C • 13.5					. 6.9.		36.5	:6.5	41 12 13
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00 <b>7</b>			7.	1,00	31.€	4	76.01	7.1	77.1	23.7	20.7	1.9.7	10.7	00.1	5.6.7	. 8.3
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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MANON

FEET)  P 10  CEILING			٨١	3 Y 2%	4 ≥2	7								
				_			≥ AI	~ Al	≱ Al	* //	۶ ۱۸	N 5/16	≯ Al	٨١
18000 19000 10000	<del> </del>	•	7 6 5	7 10	0 2 F	1. S. A.	7. . (A)	7.00	12 <b>€</b> 12 <b>€</b> 22 <b>€</b> 22 <b>€</b> 23 <b>€</b> 23 <b>€</b> 23 <b>€</b> 23 <b>€</b> 23 <b>€</b> 23 <b>€</b> 23 <b>€</b> 23 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 24 <b>€</b> 2	72.5	<b>⊅</b> €.	72.0	2. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5.	, e , .
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## CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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## CEILING VERSUS VISIBILITY

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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## CEILING VERSUS VISIBILITY

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## CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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#### **CEILING VERSUS VISIBILITY**

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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TOTAL NUMBER OF OBSERVATIONS

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# CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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YEARS

HOURS (L S T )

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### **CEILING VERSUS VISIBILITY**

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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TOTAL NUMBER OF OBSERVATIONS

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# **CEILING VERSUS VISIBILITY**

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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# CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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# CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T ) : • •

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# CEILING VERSUS VISIBILITY

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MOURS (L S T )

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# CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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MOURS (L S T )

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CEILING	_						VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	ES)						
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35: 35: TOTAL NUMBER OF OBSERVATIONS

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# CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

NOURS (LST)

MONTH

CEILING						ļ	VIS	IBILITY (ST	VISIBILITY (STATUTE MILES)	ES						
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TOTAL NUMBER OF OBSERVATIONS

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING							VISI	BILITY (ST	VISIBILITY (STATUTE MILES)	ES)			! !			
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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MOURS (L S T :

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# **CEILING VERSUS VISIBILITY**

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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## **CEILING VERSUS VISIBILITY**

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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# **CEILING VERSUS VISIBILITY**

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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14000		•	- 13	F. 6. 1 7 1 19		2 Pr 60	6.7 e 7	(1) ()	( ) ( ) ( ) ( ) ( ) ( )	€ 0 3 0 4 0	40 m4 ■ 6 Ω 3	3 5 5 6 5 6 5 6 5 6 5 6 5 6 6 6 6 6 6 6	7 · 5 · 5	68.7 60.2	65.3 60.3	3 4 4 4 4 4 4
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## CEILING VERSUS VISIBILITY

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MONTH CONTRACTOR

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# **CEILING VERSUS VISIBILITY**

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING			! i		i		VISIA	IBILITY (ST.	VISIBILITY (STATUTE MILES)	ES)						
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TOTAL NUMBER OF OBSERVATIONS

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CEILING VERSUS VISIBILITY

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TOTAL NUMBER OF OBSERVATIONS

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T )

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TOTAL NUMBER OF OBSERVATIONS

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PERCEN, AGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS ILS T ? ⊎~1

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# CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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MOURS IL S T :

MONTH

CEILING							VISI	BILITY (ST.	VISIBILITY (STATUTE MILES)	£S)						
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TOTAL NUMBER OF OBSERVATIONS

**33** 

# CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS IL S T .

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CEILING							NIS.	IBILITY (ST.	VISIBILITY (STATUTE MILES)	ES)						
(FEET)	2	AI	S) Al	AI	es Al	Y 2%	N N	VI Z	N Z	- AI	۸I	A VI	Z N	≥ 5/16	AI	0 AI
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TOTAL NUMBER OF OBSERVATIONS

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AT. ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HONTH

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# CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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## CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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STATION NAME

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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CEILING							VISI	IBILITY (ST	VISIBILITY (STATUTE MILES)	ES)						
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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH NOUNT

CEILING							VIS	BILITY (ST	VISIBILITY (STATUTE MILES)	ES)				ı ,	,	
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# CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T )

MONTH

CEILING							NSIA.	IBILITY (ST	VISIBILITY (STATUTE MILES)	.ES)			!			
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TOTAL NUMBER OF OBSERVATIONS

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## CEILING VERSUS VISIBILITY

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TOTAL NUMBER OF OBSERVATIONS

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# **CEILING VERSUS VISIBILITY**

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TOTAL NUMBER OF OBSERVATIONS

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# CEILING VERSUS VISIBILITY

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TOTAL NUMBER OF OBSERVATIONS

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## **CEILING VERSUS VISIBILITY**

F F F F MONTH PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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TOTAL NUMBER OF OBSERVATIONS

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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

### **CEILING VERSUS VISIBILITY**

HOURS (L.S.T.) 11.L PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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STATION

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

NAVWEASERVCOM

STATION NAME

	Š			PERCENTAG	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	Y OF TENTH	S OF TOTAL	SKY COVER				MEAN	TOTAL
MONIN (L.S.T.)	0 (:	ı	2	3	4	5	9	7	æ	6	10	SKY COVER	
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TOTALS				• 1						•	•	•	o C.

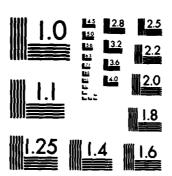
	HOURS				PERCENTAG	E FREQUENC	Y OF TENTH	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	SKY COVER				MEAN	TOTAL
MONTH	(L.S.T.)	0	-	2	3	4	S.	9	7	8	6	0.	SKY COVER	08.0F
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TOTALS	ALS	•			•						•		2 •	

MONTH

HOURS				PERCENTAG	E FREQUENC	CY OF TENTH	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	SKY COVER				MEAN	TOTAL
1	0	-	2	e	4	80	۰	7	<b>.</b>	٥	0	SKY COVER	
	•			• E /2						- € - € - € ±	*	•	:
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MICROCOPY RESOLUTION TEST CHART NATIONAL BUREAU OF STANDARDS-1963-A

STATION NAME 88 00 TE. . ن STATION

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MONTH

75.00	HOURS				PERCENTAG	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	Y OF TENTH	IS OF TOTAL	SKY COVER				MEAN	TOTAL
u NOW	(L.S.T.)	0	1	2	3	4	5	9	7	8	6	10	SKY COVER	
		3 4			€ € :						2101	20.3	<b>0</b> • \$	3 0
		7 - 7			Po						27.3	21.07	9•_	.,
	•	•									C) 64 10	0 9 € 2	<b>3.</b>	3.0
	**	r-			2.						P	27.7	(. • F	3.0
	<b>1</b>	, .			2403						C • #	27.7	ر ا	0
		-			F.						42.0	27.7	7 . 3	37:0
					٠						6.2°	27.7	- t.	3
	.7 <b>7</b> (° )	;. •			37.7	-					25.	ن 8 <b>د</b>	2 e	O,
TOTALS	ALS	. 1			η•						34.2	24.7	è•5	24.3
		ļ ļ				1		! 						

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

L (.) (.) (.) 313 . 5 4 2 (-) ---ارمة مسا TOTAL NO. OF OBS. • MEAN TENTHS OF SKY COVER 24.2 0.1 23.5 24. 19.4 24.5 50 28.1 2 42.6 4]•4 22. 1.6 ..... 36.1 PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER ر. ۲: ۲: 1: • 7 0 **r**--HOURS (L.S.T.) TOTALS MONTH

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	HOURS				PERCENTAG	E FREQUENC	Y OF TENTH	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	SKY COVER				MEAN	)
MONIH	(L.S.T.)	0	1	3	3	-	5	9	7	9	٥	01	SKY COVER	0.00 0.00
1		2.6			3.02						22.3	17.4	ਦ ਹ	110
	:				7 . 4						2 n e ?	13.9	no or	73.0
		•			•						34.0	15.4	£ •	310
	•				10						41.7	•	9•3	
	***				F*;							17.7	7.2	en Prij
	•	j • į			•						41.0	500€	6.9	6 T
		5			f •						37.07	21.9	F.7	
	2.3	1			() () ()						25.1	M) C) C)	n. nu	: ::
				-	<del></del>	-								
TOTALS	SIV	. 2.			3						35.€	18.7	•1	2480

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MONIH (LS.T.)				PERCENTAG	E PREQUENC	Y OF TENTH	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	SKY COVER		!		MEAN	TOTAL
	0	•	7	6	•	S	9	7	•	9	10	SKY COVER	OBS.
				33.						17.7	31.6	4.7	370
2	2.0			. J.						20.3	21.7	7. 0.	3.0
	7.									J.	21.3	6.3	0_,
	•			7 0 12						<b>ଅ</b> • ଜ ଜ	20.3	5.5	G - '
•				27						43.7	23.3	7.1	Ω 1.
p	•									4.1.3	23.7	<b>.</b>	3~0
<b>6-4</b>				37						0.5°	26.7	3.0	0 . i
? .	21.5			• 1						24.	27.0	5.5	170
TOTALS				7.5						1.	32.6	6.1	242

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111111111111111111111111111111111111111	HOURS				PERCENTAG	E FREQUENC	Y OF TENTH	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	SKY COVER				MEAN	TOTAL
HOW I	(L.S.T.)	0	1	2	3	•	5	9	4	8	6	10	SKY COVER	
	C				5.00						14.2	20.3	£ a	310
	č				i, i, i,						28.3	21.6	4.6	, S
		(, )			•						2400	24.9	9.5	(1) (1)
		24.			£						23.9	23.5	n,	110
	\$ 7)	:: •			C3						32.6	32.6	v •	310
		<b>5</b> • • •			gra gra						25.3	22.6	SO SO SO SO SO SO SO SO SO SO SO SO SO S	310
		3 • £			<b>3</b>						10.7	21.3	e	710
	r a	• •			22.					-	16.2	19.7	C3	: •
	-													
TOTALS	ALS	3 · · · · ·			r Co						2.55	22.1	- ec	2433

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STATION

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n in Ch	HOURS				PERCENTAG	E FREQUENC	Y OF TENTH	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	SKY COVER				MEAN	TOTAL
u NOW	(L.S.T.)	0	1	2	3	4	3	9	7	••	6	10	SKY COVER	
مند		(4) • •									11.3	25.3	2*4	3.0
	ι	47.									15.7	26.0	4.5	: *:
	ż	7 . 1			C						25.0	27.3	5.9	: .
		2. • ~			r • 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7						2403	23.7	3	6
		1									27.7	25.7	0.	[ ] [ ]
		10.0			£ • 3						22.7	26.7	5.7	
		31.									17.7	0. €.	6.5	Ö
	2.5				72.3						13	24.7	4.5	<u>3</u> 2
TOT	TOTALS				7 .						20.4	25.7	2 • 3	24.7

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7	HOURS				PERCENTAG	E FREQUENC	Y OF TENTH	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	SKY COVER				MEAN	TOTAL
r v	(1.5.T.)	0	1	2	3	*	5	9	7	8	0.	10	SKY COVER	
(.) (.) (.)											14.7	0 • o ?	ರು ತ	7
					3 i						12.6	32.9	c u	₩ ₩
		•			3						22.5	32. K	1.0%	() ()
					F						2002	33.2	4.2	3 10
		1. 6.			25.						23.0	36.5	£ • 5	710
		e 3			C. H CH					•	2.2	35.8	<b>4</b>	012
	-	24.6			27.						10.6	33.3	5.7	φ. ( )
		32.			7 9 7						Ç ● 27 €4	71.4	T • 1	
TOTALS	SIV				C d						1 2 . 4	13.1	5.7	20.78

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	HOURS				PERCENTAG	E FREQUENC	Y OF TENTH	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER	SKY COVER				MEAN	TOTAL
MONTH	(L.S.T.)	0	-	2	6	*	8	9	,	<b>.</b>	6	10	SKY COVER	0.00 0.00 0.00
	1				6 9 7						0-51	36.0	0) 10)	242
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		•			21.						10.6	37.7	4.2	24
		(£)									20	24.3	₩î •	24 0
٠		1 • h			• •						60.0	27.7	6.3	24
					## C (C)					Í	34.0	24.7	(.5	2- د
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		•			<b>4</b> 23						m	10.7	(•1	24
		17.			.2.4							32.6	,•1	24 0
•		а •			2 • 3						2.2	15.1	ر. 0	2.7.2
					74.7						# <b>*</b> U€	25.7	£ • 5	24.0
	-	2.0			32.							33.1	.7	2476
101	TOTALS				<b>₩</b> **						្ត មា មា	27.4	5.0	29210

#### PART

## PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentation follows:

- Cumulative percentage frequency of occurrence derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:
- Daily maximum temperature
- Daily minimum temperature **в** 
  - Daily mean temperature
- All months Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. of daily extreme temperatures are prepared: à
- Extreme minimum temperature Extreme maximum temperature . م م
- A supplementary list also provides extreme temperatures when less than a full month is reported. NOTE:
- Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided: ά.
- of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the total no. which may require two pages in some cases.

A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point These consist of the sum of squares  $(\sum X^2)$ , sums of values  $(\sum X)$ , means  $(\sum X)$ , and standard deviations  $(\sigma X)$ . The number of observations used in the computations for each element is also shown. temperatures are shown in the section at the bottom left of the forms.

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- represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period the annual summary, or mean number of hours per month in the tabulations by month. ن
- Wet-bulb temperature usually was not reported prior to 1946. Relative numidity usually was not observations recorded during these periods. All values of dew-point temperature and relative reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for humidity are with respect to water, unless otherwise indireced.
- Means and standard deviations These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:
- 1. Dry-bulb temperature
- . Wet-bulb temperature
- c. Dew-point temperature
- Cumulative percentage frequency of occurrence of relative humidity This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables. \$
- Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.
- The main body of the summary consists of dry bulb temperatures spread vertically in four degree incre-Percentage frequency of occurrence of dry-bulb temperature versus wind direction - This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. ments and horizontally by eight wind directions (plus calm).

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#### DAILY TEMPERATURES

COMULATIVE PERCENTAGE FREQUENCY OF OCCURRE  (FROM DALLY OBSERVATIONS)  (FRO	2	STATION		1.1	STATION NAME		1	<b>J</b>			YEARS				
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		TEMP (°F)	JAN	FEB	MAR.	APR.	MAY	JUN		AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
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	ΛI		•	•	٠ ح	•	71 0 3 77	,,,	14 15 17	73.		. •			
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1	٨١			12			<u>.</u>	3.7	6.66	10.0	.7.5	71.9	37.1	20°	•
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#### DAILY TEMPERATURES

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#### DAILY TEMPERATURES

6.05 191.0G 150.0 70.5 77.1 ř. ... 1 0 1 ٠ ص ن . ANNOAL • 0.00 0.0 12.8 24.6 - C2 C3 61.6 98.0 .' DEC. 36. 4.0% 54. 74.5 58.2 5.50 • 16. 34.7 ò 76.5 .7.9 5.6% 2.1.2 8 · 8 · 8 100°D OCT. 0.00 0.5° 3.6 18.0 57.01 C 4 • 1 ۰۰ ا سا • SEP CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE 00 CX 3 7.04 - 3 · D · 1 · 0 · C . \*\* Y1 AUG. (FROM DAILY OBSERVATIONS) 99.60 50.3 ٠. • ١ 될 2°85 .... 30.00 ( n ) Š 2.50 54.7 . . 99.3 2 to [ \* '2 7.50 1000 G•a∈1 MAY 64.2 CB.3 CB.4 74.3 CB.4 74.3 40.5 2.1 6.3 . APR • 2.60 STATION NAME 6. C 43. -5 - 20 MAR. 7.6 75. 15° 00' 6.65 6.3 06.7 3 . 2 . 7 100 L Ľ FEB. , k) ... • 6 i t • Ä TOTAL OBS.
NAVWEASERVCOM 4 Ł . .# MEAN TEMP (PF) S.D. STATION

DAILY AVERAGE/EXTREME TEMPERATURES

3	<b>΄</b> ,	φ. •	F			<b>.</b> 	2 केंट ₹ −				<b>りなくじきぎ</b> と	ያ ጉ ¥
STATION			STATION NAME	u u		}		YEARS				MONTH
-	MEAN TEMP	EMP		MA	MAXIMUM TEMP	ا	-		Σ	MINIMUM TEMP	dν	
1	AVERAGE	GE	AVERAGE		EXTREME	ЛĒ		AVERAGE	E	EXTREME	ME	
DAY	u.	ပ	, T	ပ	u. o	ပ	DATE		၁့	٥۴	၁ွ	DATE
-	•	,	5f.	17.4	77	E & S 2	10753	38 • 3	3.0	2.5	1-5-1	1977 -
2	•	7.4	5.75	12.7	40	26 • 1	1952	•	2.5		3 - 5 -	1977
<u>ا</u> ۳	1	7.5	70	1 .	7.5	ម <b>១</b> ៤	1066	36.5	•		-5.6	1979
4	7.	5	0 4:	1 2 2	75	23.9	1972	(6.3)	2.2	.7 ==1	-10.0	1979
2	• 77	5.	7.	11.	٦.	23.0		35.1		17	€ 0 • 34 • 0 • 18	1981
9	12	3	9.4	12.	97	ភា 🕶 🖰		35.1			3 ° C -	1951
	7	3 • 1	6-01	13.2	16	24.4	1:82	37.5	₩ .	- 1	<b>~</b> ↑	1973
α	•	<u>ن</u>	1.3	11.2	76	74.4	1046	35 • 4	1.9	S.	3 - 7 -	197
6		100	•	12.1	7.3	c • 22	19743	35.3		C:	-11.1	151
١	3 3	6.9	9.4	12.	77	£ * 5 ₹	1574	3	1.2	12	-111.1	3 2 8 6 <b>1</b>
=	•	0.3	1.5	13.	76	7 · 4 ?	1074	33.9	1 • 1	10	-12.2	1092
12	•	5.7	C.	-	1.	25.2	1013	33.5	6.	14	-13.0	19823
13	4.	200	7 . 1	12.4	7.7	23.3	106	34 .	1 • 2	Ω •	-12.2	1581
4		7.1	3.	12.4	74	23.3	301	35.3	1 - 7	25	-5.6	1364
5	3	7.3	5.5	11.	7.5	23.3	105	3€ •€	2.6	` <b>.</b>	-7.3	,
191		6.0	3.1	11.7	හ	26.7	198	53.1	9•	S.T.	0	197
17	•	C • 3	L = U = 1	10.4	74	23.3	1040	31.2	3 ° -		-13.3	1577
- 82	.,	8.8	7 1 .	11.1	7.7	22.2	1952	33.1	\$	11	-11.7	1977
19		3.0	7.3.1	11.	7.5	23.9	1953	34.6	1 . 4	7	-1.0	1977
20	3	7.1	2 6 77	12.3	7.1	23.3	1551	35.2	7 E	16	0.3-	1976
2		7.7	4.6	13.	76		1954	36.3	•	17	- }•3	1973
22	3	7.0	M) 	12.4	7.3	22.0	1957	76.1	2.3	16	6.4	167
23	• U 3	7.7	α • υ΄ υ΄	1 - 5	75	23.0	1961	35.7	• •	T.	3	1~7.
24	/ • .7	C.	•	13.7	7.7	25.	1967		•	3.5	-7.8	19:3
25	3	೧	<b>S</b> •0	17.1	ů.	26.7	195	r-	2.9	· •	E-7-	1963
1 %	2.	0.0	0	10.44	7.	25.6	195	37.4	• 2	25	9 - 3 -	1961
2		0	2.7	14.2	75	63.5	1974	35 + 1	7 • 5	2-	9.5-	1392
, e	12	7.4	5.5.5	1.01	77	25.0	1921	35.2	1.5	2.1	•	1582
8	7	7.4	6.40	12.7	7.	9.52	1057	35.	•	17	•	1971
S		7.0.7	7.7	12.4	77	•	1047	36.	2 • 3	16	-8 · 9	1966
- E	1	7.2	. 3	12.7	cz)	7.1.	1951		1.07	16	•	1966
Monthly	ŀ		7.7	12.4			195	36.5	1.5		-13.3	1,77
	1		1									

DAILY AVERAGE/EXTREME TEMPERATURES

MONTH F 138(138) YEARS 1 -4--1983 STATION NAME Cont. I a . . STATION

		DATE	1965	198	1977	1991	1947	1966	0	1977	1947	1979	1979	1973	1973	1955		1963	195ë	1050	105	1958	1959	1963	1963	1964	1967	1967	1963	19-3	1964		- }	1979
lP	ve.	၁ွ	-1.6	3	-7.8	-3. W	- 6 • J	-6.7	-7 · E	300	6.8-	-12.2	-ê•3	-6.3	-1 .0	-7.2	J•5-	-5.6	4.6-	-11.1	F. 8-	_ 2 • C	-6 • 1	-6.7	-9.4	-7.8	- 0 • 3	1-9-	-7.8	-6.7	-2∙≎		- [	-12.2
MINIMUM TEMP	EXTREME	۰ ا	13	15		1.7	17	23	15	15	16	1	17	11	14	61	23	2.2	15	1.2	17	23	2.1	. 2	15	18	17	ນຄ	1.5	. 2	2.7			~
W		၁့	1.7	2.5	1.3	F	٠.	1.7	2.5		1.1	1.4	1.6	6	1.3	2.2	. 1	3.6	3. X	2.6	3 • X	5.9	2 • 8	3.5	3 • 9	€ <del>4</del>	3.0	3.6	~ ·	3.0	α' • <del>1</del> 1		1	2.
	AVERAGE	<b>پ</b>	35.	36 • 5	34.3	33.3	3.2	35.	37.7	33.3	33.0	34.6	34.9	33.6	34.4	35.5	37.6	8. 95	37.3	36.7	38.	37.3	37.	38.5	39.0	39.2	39.1	38.4	37.9	39.1	Z • C #		- 1	36.5
		DATE	1067	1963	15824	1957	1976	1955	1971	1965	1957*	1959	1065	1955	13:1	1951	10828	1076	1976	1956	1961	1048	1953	1071	1980	1982	1077	1977:	1051	1962	1972		-	1962
	ш	ပ	23.3	25.7	25.2	: 6.1	21.7	25.3	2.0	22.2	-	22.5	26.1	23.3		26.7	23.	24.4	25.6	26.1	24.4	23.2	22.	24.4	26.1	26.3	53.9	25.0	25.6	23.9	4 . 4 .		- [	<del>0</del>
MAXIMUM TEMP	EXTREME	u. o	75	9.0	7.2	19	7.1	7.	9	7.2	7.1	73	7.0	74	74	C.) 66	74	7.5	62	10	76	74	73	76	10	i.	7.5	7.7	٠ <b>٦</b>	9.6	16			3 <b>80</b>
MA		ပ	1.04	12.	1.10	1100	11.	£ 2 0 2 1	12.3	1105	1201	12.2	12.0	12.5	1.01	34.7	14.5	14.2	12.	13.3	14.0	14.0	13.	14.1	14.7	3.7	15.2	14.5	14.1	16.5	15.5			13.6
	AVERAGE	LL 0			70	3 ° 64 6	1	8° 60	3	52.3		\$ • E :	7. 0. 0.		5	0		5.7.6		ر الله الله الله		57.2	(O	7 - 64		1.55		• 1	57.3	1.7	53.9		1	3
		U	•	7.5	5.6	12.5	6.2	•		4.3	•	6.8	7.7	6.7						7.9	0.2	٠ ا	m .c	•		7.6	9.6				10.2			5 • 1
MEAN TEMP	AVERAGE	e	u: •	th r.			•		٠	•	<b>●</b> 12 · 22 · 22 · 22 · 22 · 22 · 22 · 22			4.2	. 4	3.7		13 to 42 to 50 to	2.0	•	17	2.7.2	:6.	•	.7	3.	70.	•	40.4	77.	•			1. ·
		DAY	-	2	3	4	5	9		00	6	10	=	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Monthly

STATION

# DAILY AVERAGE/EXTREME TEMPERATURES

MONTH () () () YEARS 1 3 0 1 - 4 7 D E STATION NAME The Take Od Acres

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91 0.3	7
0.2 15	
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1.2 16.	1
2.7 17.	-
2 7	-
5.1 12.	et.
4.1 17.8	17
1	17
3.0 17.2	17
	16
1.9 16.6	5 16
2 - 3 17	1 1
3.4 17	~
1	.1
2.5 17	5 1
7.4 17	7
1	6 1
3.0 17	O 1
18 18	.7
64.5	
45.2 18.	6.3
7.7 19	7
7.1 19	<b>4</b> -4
5.7 19	
2.0	7

## DAILY AVERAGE/EXTREME TEMPERATURES

1000

STATION NAME

8653 B

STATION

1-40-1983

MONTH

APF IL

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YEARS

1982× 1972 197 1972 9961 1983 1916 8161 1982 1963 1974 2151 1961 1964 1966 1961 1975 1982 216 7401 1973 916 1961 1983 1961 1:17 1971 2.8 1.7 3.9 5 2.2 2.2 -1.7 -1.7 ٠ ع 1 2.8 1.7 • 1.1 7.7 ~ 1.1 <u>ت</u> 1.1 -1.1 ပ EXTREME MINIMUM TEMP <u>ر</u> **~** ( **3** 61 9 a 34 يد 1 Ģ .7 7 3 3 33 36 7 72 7 ŭ. F. 1203 12.9 3 m 3.5 2.0 8.3 P \$ 10.2 9. 7.0 -11.4 • 1.1 • 10.1 13.1 AVERAGE K 0 0 3 47.6 **30** ° € **3** 47.5 57.6 5 C 50.4 5.20.5 52.6 52.4 55.6 46.9 49.7 55.3 42.7 51.1 56. 55. 55.3 54.7 5.1 e 49.3 \_ · C # -C961 1961 1961 1958 1955 1952 069 1946 1067 1776 6.63 1 25 9 1053 1065 1977 1972 1972 1961 196 (C) 557 274 70 10.5 DATE 197-1961 1:67 1967 1017 198 31.7 32.2 31.7 30.6 2101 300 31.1 7.1 . 1 27.3 300 6703 3 . 6 31. -£ 7. 64 (4 EXTREME MAXIMUM TEMP *D* a c, **8**0 70 5 is. 2 41 JD r Œ S 80 1 (L) 8 anl 6 មា ប 23 5 o, 8 16 er er ထ a ac 80 0 23.2 25.0 24.1 23.4 20.4 19.9 21.4 22.4 21.5 21.4 23.4 20.1 20.7 23.3 21. 21. 23.7 21. 21. 21. AVERAGE 74.3 74.4 60.8 67.8 74.8 65.5 . 11. 71.4 70.5 74.7 73.7 7. 1.3 71. 73.1 75 • 1 5.5 30. 17.5 15.2 1: • 6 17°# 17.4 19.3 18.4 1.6 15.9 16.2 15.9 16.9 14.4 15.9 14.7 15.2 1. 14.5 16.1 10° 16.9 700 15.6 1. MEAN TEMP AVERAGE ... ·•| 9 ٠. • • , . . . . ٠ ا ı. • Monthly 읽 8 잃 7 25 위 2 8 29 3 DAY 2 Ξ 12 7 5 9 17 9 2 22 23 2 വ 9 œ 6

# DAILY AVERAGE/EXTREME TEMPERATURES

1:45-1983

MONTH > YEARS STATION NAME Un Thinge Admin . . STATION

		TE	63	6.3	963	7.1	996	436	67	. 896	956 11	996	365	277	972	74	596	99	196	, A 3	£ 3	'n	696	261	963	963	976	16	61	5.1	61	346	6.1	63
				1	1	1	1	1	•	7	_	_		-	_	13	~			19	7		7	1	1	~	-	19	19	61	19	1	51	10
٩	ME		2.8	•	2.2	6.1	X	7.8	8.3	7.2	7.5	#*) • (• (• (• (• (• (• (• (• (• (• (• (• (•	2.2	5.1	7.8	10.6	6.8	7.2	8.9	8.3	6 • 1	11.7	10.0	10.6	11.1	10.6	G	8.3	7.8	7 • 8	10.0	11.7	11.7	9
MINIMUM TEMP	EXTREME	°F	16	7,3	92		cc pr.	9 7	47	uī S	20	g'	36	4.3	2	1.5	c 17	in t	σ. 3	47	4 3	e~	ES I	r 1	23	15	0.2	47	9 7	9 11		r F	53	<b>M</b>
₹		°c	13.4	1 3 9 8	15.3	13.3	13.2	13.3	13.8	13.7	•	13.3	14.1	15.0	15.7	15.8	15.	9.71	15.5	16.1	15.8	17.2	16.6	16.8	17.4	17.3	17.4	17.6	1.06	16.8	17.6	17.9	19.7	1 - 6
	AVERAGE	٥,	56.1	56.8	5 e s		55.7	56.	56.9	56.7	56.8	3e95	57.3	59.0	60.7	60.5	9•€9	6 .1	59.9	6.09	4 · D 9	63.0	61.0	62.3	4.59	53.1	63.4	53.7	61.9	62.3	63.7	2.40	9.59	0 • 0 9
_		DATE	1953	1965	6561	1965	1952	2561	1077	1961	1064	1961	1901	1961	1080	1986	1962	1952	1 901	1011	1962	1064	1 62	1501	1953	1965	1062	1953	1975	1901	1951	1982	1978	1953
		၁့	• 1	0.6	32.		31.7	35.5	32.2	32.	32.2	33.3	32.2	:20	23.3	35.5	35.	33.3	2303	34 . 4	35.0 €	35.0	35.0	33.3	3:06	34 • 4	33.7	36.7	32.	34.4	3 € • □	32.3	32.	36.7
MAXIMUM TEMP	EXTREME		ଧ୍ୟ	87	91	38	c <b>8</b> 0	96	93	5.1	€6	<b>26</b>	ů6	16	. 6	96	က <b>ဝ</b>	ξ.	26	76	9.6	56	26	26	96	116	26	96	16	7,6	3.6	0	9.1	ن د د د
MAX		ပ	24.5	24.6	1.52	24.4	24.3	25.3	25.5	24.2	25.0	25.0	26.a	25.3	25.0	26.4	25.€	26.	26.7	27.0	92	26.	26.4		27.7	27.4	26.	26.5	26.4	26.	27.4	27.7	27.4	26.1
	AVERAGE		76.7	2.96	•	6.36	75.8	9.7.	77.0	5 . 3 .	77.3	.7.		7: 5	74.5	9.	75.64	75.8	0.1	30.0	6 0	77.8	9.54	<b>e</b> 9	1.8	7 • 4	<b>∄</b> 6	6.9	7 • 6	<b>£</b> • □	1.3	1.9	1 . 4	79.0
		<u>ر</u>	16.1	19.2	10.44	18.8	16 · 8	19.3	12.7	10.9	19.4	19.W	20.5	J 4	8.00	21.1	6.0	50.00	21.1	21.5	1.3	11.9	71.t	72.	22.6	22.3	22.2	72.1	21.5	21.6	2.	3.25	23.1	
MEAN TEMP	AVERAGE	٠ ١	7.9	. • 9	67.	• 5 %	• (3 t)	. <b>9</b> 9	5.04	6.3	.90	6.7	.d.	2.5.2	5	•	17.	•			•	7 <b>* *</b>		1.	•	•	7.3	30 • • • • • • • • • • • • • • • • • • •			• 7		• )	•
-		DAY	-	2	3	4	r.	9	7	80	6	10	=	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	82	29	30	31	Monthly

DAILY AVERAGE/EXTREME TEMPERATURES

De \*1 +1 Od Adda O

MONTH F. 1.

STATION

3

STATION NAME

1945-1943

YEARS

						- "									<b>7</b> 2	-3														`				
		DATE	1966	1966	1966	1966	1978	1966	1977	1977	1972	1977	1977	1972	1979	1987	1978	1978	1961	1965	1965	1965	1965	1966	1975	1947	1979	1979	1965	1351	1979	1964		1916
4P	ME	၁	8 • 3	6.7	4.0	11.7	12.8	12.8	12.3	7.8	15.0	13.9	11.7	11.1	12.6	13.3	11.1	12.8	•	12.2	11.1	12.2	12.8	13.9	15.0	13.3	15.6	15.0	16.7	15.6	13.9	14.4		6.7
MINIMUM TEMP	EXTREME	٥F	47	44	64	5,3	52	5.5	35	9 17	65	57	M U	22	55	56	52	5.	2.5	th's	£ 2	#5	۲.5	6.7	ودو	95	€.0	t u	7.3	6.9	6.5	ď		37 37
2	in in	Ö,	18.	18.1	17.9	17.6	17.7	•	16.9	19.4	19.6	19.6	18.7	19.0	19.3	19.4	6 - 7 - 1	9.	20.0	•	2 • 2	5 • 2	23.9	20.8	20.6	20.3	21.0	21.1	21.5	21.	21.1	21.1		19.7
	AVERAGE	٥۴	P . 4 . 4	64.5	2.49	63.6	53.€	64.5	•99	67.0	67.3	67.3	65.6	5.99	66.7	67.5	67.8	67.1	68.0	68.	68.3	6.89	68.9	m • 59	69.1	63.6	69.8	6.69	75.2	69.8	5 • 6 9	6669		67.4
		DATE	1982	1945	1054	1075	1955	1955	1952	10808	1952	1963	1961	1963	1057	10:13	1581	108	2. 861	19574	197	1953	1950	1:45	1984	1056	1952	1952	1952	1978	1959	1959		1052
d	ΛE	၁့	32.0	370	34.4	32.2	32.	34.4	33.0	35.0	36.7	36.07	g • / m	34.4	33.	35.0	35.6	35.6	33.7	33.7	36.1	35.7	35.0	33.7	36.7	36.1	3 7 . 3	37.3	C • .	37.2	3 € • ₹	3.03		0 • បា។
MAXIMUM TEMP	EXTREME	щ°	15	65	11.75	0	9.1	76	73	50	9.5	wi O	100	70	26	56	30	9.6	63	93	2.6	9.5	3 6	2.6	3.6	6.7	101	100	134	60	101	101	-	30.0
M	3.6	ပ	20.0	27.	27.5	27.1	27.7	28.6		20.	20.1	•	25.7		29.6	0	2002	l Or	2.04	28.6	0	0	29.7	20.6	29.3	30.2	30.	30.1	3 ° C °	30.3	30.7	٠ ٤.		2002
	AVERAGE	u. °	2.4	2.5	₩ •		1.9	•	:2.7	74.2	7.7	4.7	13.7	1.4.1	ල න	: 5.	74.6	3.3	3.1	3. S. C.	<b>80 • 37</b>	<b>3</b>	3. 4.	5.5.3	6.5	4.3	7.1	2.60	K •	3 • C	7.2	7.4		<u>.</u>
		ွ	23.0	23.		22.3	22.7	23.3	23.5	24.2	24.4	24.4	2.4	· • • • • • • • • • • • • • • • • • • •	30.70	24.4	24.6	26.3	20.02	24.0	2 th . É	• \$ c.	25.1	25.2	25.03	M . 2	25.8	25.06	25.9	35.6	8 · 00 c.	26.0		1, C1
MEAN TEMP	AVERAGE	u.		3	ख <b>े</b> }	100	• G		7		1.054	.0	. 7	•	• 1	. 9	. 6	(d)	16°	5. 5.	•	7	7.	7.	7.	7.	•	7	7	7	7	7 • 7		• 1
-		DAY C	-	2	3	4	2	9	7	8	6	10	=	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	23	30	31	Monthly

# DAILY AVERAGE/EXTREME TEMPERATURES

MONTH ار د از کا YEARS 1.45-1963 STATION NAME C. This Cd Ac Site STATION

		DATE	1881	1 1975	.3 1965	I	.9 1963	_	.5 1979	•6 1979	.1 197	.1 1963	.4 1963	•6 1963	.0 1978	.4 1978	•3 158C	•1 1954	.1 1954	1	.7 1946	.8 1962	.7 1955	. 1974		1	1011	.9 1063	1976	.6 1663	.R 1943	.9 155	.3 1986	.1 1975
MP	EME	ပွ	 	11	13	16	13		13	15	16	16	7	15	13	14	16	16	16	15	16	17	16	1,	13	1.5	: 1	:3 <b></b>	ď.	<u> </u>	17	ę.	18	=
MINIMUM TEMP	EXTREME	٥,	•	5.2	55	6.1	2.5	S.	5.7	34	1.7	1	or, No.	-	4	i,	6.5	6.1		63	6.2	49	6.2	4.1	f a	د څ	6.5	9 1	4.6	•	43	6.5	6.5	C 4 bi
Σ		၁့	5 - 2	21.5	21.3	21.6	21.1	21.2	71.1	1.3	21.0	21.tc	21.5	21.6	21.6	22.4	22.5	N	2.5	22.2	22.4	22.3	72.4	22.4	22.4	22.2	2	22.2		•	72.3		22.7	
	AVERAGE	ы. °	69.7	69.8	70.4	10.9	70.0	70.	6.09	77.4	7102	6.7	71.3	0.	•	•	72.5	7 i • 8	72.	•	72.3	•	72.3	72.4	72.3	70.0	7.5	72.	7.70	7:02	12.3	12.	12.8	710:
	<u>.</u>	DATE	1053	1953	_ <b>5</b> 0 €	<u>د</u>	C 76 I	1977	1977	1101	1011	1061	9961	1075	1951	1983	197	1983	1083	1033	2501	101	1035	1652	10:5	1952	1040	1943	1000	S.	1625	1.15	[v]	1952
a	ΛĒ	၁့	35€		35.5	2.00	7 6,0	3	37.5	S.	36.7	34 . 4	E • M	٠ ا		35.0	•	3.0	1.012	35.6	35.6	36.1	37.	3 • 7	3.07	37.	32	36.07	36.7	٠ ١ ٠	£ • j ₹	•	37.2	3 • 3
MAXIMUM TEMP	EXTREME	щ °		76	3.6		10 0	60	65	نيو. ت	.s) C		PO ()	0	190	u `	, , ,	-	26	16	36	26	10C	101	26	υó	0	u	i.		6 (2)		o ·	101
MA		ပ	31.C	, • OP	# O €	300	3.4.7	( ( (*)	29.0		37.3	30.8	50.3	M. C.	C.	31.2	31.2	•	ن • ن • ن •	31.3	31.3	31.	11.	31.	31.	.1.	. • L .	2100	11.1	310.	310	31.7	31.2	•
	AVERAGE	LL o	7.5	E • ^	T • 0	7.	12 • 1	. 6.	S . B	3 .	4.4	•	m.,	Ø. • ÷	7.4		•• • • •	:7.6	7.07	8	<b>3 °</b> C 3	a.	5 • 3	<u>.</u>	ن د د	3 •	7 . 5.	7	GJ	(1) (4)	•	3	1	7.6
-		ွ	7	25.R	28.c	2+01	25.7	3.5	2 •	25.0		2 · Y · C	36.00	3.50	2000	36.	76.	ن. د	ŋ•: ;	2 7	56.50	27.3	٦٤٠٤	1020	٠٤٠	7.01	٧٠,٠	4.	۲۰.		1 ° C.	٠ + ح		9.
MEAN TEMP	AVERAGE	u.	•	•	7	7 .0	• •	•	0.	•	c.		•	4	•	•	•	•	•		1	•	•	•	•	•	•	7.		: 2	•	•	•	•
		DAY	-	~	m	4	2	9		ω	6	10	=	12	13	14	15	16	17	18	19	50	21	22	23	24	25	26	27	28	59	30	31	Monthly

# DAILY AVERAGE/EXTREME TEMPERATURES

1-47-19:3

MONTH

A CUST

YEARS STATION NAME

		DATE	1956	1966	1965:	1955	1951	1991	105	1950	195.		1974	1974	1979	1979	195	1979	1979	1979	1577	19772		1981	1581	1978	1969%	1946		0	1582	1975 +	1965:	1979
Ь	ΛE	၁ွင	17.8	16.7	18.9	60 en	M 0:	15.	15.1	17.2	17.8	17.2	17.8	15.6	1 > 0 1	13.9	15.6	16.7	15.	13.9	18.3	18.3	17.2	17.8	17.2	15.6	17.8	16.7	14.4	13.9	15.7	15.0	15.6	13.0
MINIMUM TEMP	EXT REME	٥F	6.4	۲.	6.6	55	6.5	5.9	19	F 3	4.4	63	p, p,	k ()	5.1	6.7	. 7	52	52	57	55	4.5	6.3	4.3	63	6 ،	44	29	5.0	5.7	\$ S	64	D9	57
Σ	E	၁့	22.4	22.1	2. • 2	22.4	22.4	21.7	21.5	21.7	2	25.2	2.2.2	6 • 1 2	21.0	21.4	22.1	21.3	21.7	21.7	21.9	21.	210	21.5	21.7	21.3	21.2	21.2	2 7	21.2	21.0	20.9	21.3	2107
	AVERAGE	<b>4</b>	72.4	71.7	72.	72.3	7 . 3	71.	7 7	71.0	71.8	7.2.0	72.0	71.4	71.4	79	7107	71.4	71.1	71.0	71.5	7103	71.2	7	71.1	7 3	70.1	70.2	2.69	75.1	8.69	9.69	70.3	71.1
		DATE	1957	10534	1675	h 56 T	1054	1 6 9	1968	1 6 1	1979	1979	19774	1057	1054	1:75	10753	1954	1975	1068	19834	1933	1968	19594	19751	1068	19324	1954	1959	8451	17788	7501	1570	1954
	J J	Ú	. • 5 .	36.1	36.1	3:01	F	 	55.7	35.1	1.6.1	36.7	3 · 3 M	35.6	35.6	34 . 4	34.4	3.00	36.7	35.0⊓	35.	<b>3</b> • 3 (	35.	35.6	36.1	35.6	33.7	36.7	35.0	34.6	34.4	C. U M	30	3 • 1
MAXIMUM TEMP	EXTREME	ĮL.	F .\	2.5	6.5	40		7.	5٤	<b>A B</b>	7.6	3.6	76	96	90	70	70	100	36	6	_ 6	96	26	90	26	36	26	a o	J 08	# 3	30	i.o	15	1 1
MM	Ē	U	11.	31.	71.3	2° • 1 61	37.	1 0 0 m	• U 2	31.4	31.2	-	m	P3	r. • ( p)	C.	30.0	30.0	30.1	30.	30.07	30.0	16.5	36.5	29.9	50.62	20.1	29.8	29.7	30.0	3.0	3		35.
	AVERAGE	Ĭ,	00				17.2	6.0	7.5	₹ (T	C4 - S1 0		7.4	3	F. 6.14	200	7.7	6.9		7.1	7.2	. E . B	5.9	3.	Gr.	<b>6</b> • 0) C		75.07	₩. ₩1		ن • ن	0	30.2	7.
		U	27.	76.7	K	27.06	(روا	•	25.02	21.00	25.07	28.07	26.45	26.1	D. 3.5	20.2	25.00	5.0	20.00	<b>₹</b> • ` ¿	26.3	20.2	• 40.	or un en	15.0		L'7	۱	20 35	30 - 1 - 2	26	دعا (	13.00	2: •1
MEAN TEMP	AVERAGE	u	•	•	7.	C.	•		f-	?; •	ः			7	7	1	4	•	•			7	2,	•	12.0		7.	1.	7.	7	7	7	1	•
		DAY	-	2	3	4	5	9	7	000	6	2	-	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Monthly

\*ALSO ON EARLIER YEARS

STATION

# DAILY AVERAGE/EXTREME TEMPERATURES

CEPTERBER MONTH YEARS 1 49-1953 STATION NAME 2014 STATION

	MEAN TEMP	EMP		M	MAXIMUM TEMP	٩			Σ	MINIMUM TEMP	ΛP	
<b>-</b>	AVERAGE	GE	AVERAGE	GE	EXTREME	ME		AVERAGE	in the second	EXTREME	ME	
DAY	u.	O	u.	ွ	<b>L</b> .	ပ		٠ •	၁့	٥ ټ	၁ွ	ATE
-	11.	3.	•	29.0	8.6	33.	19791	1:01	21.2	3.5	14.4	1565
2	7.3	24	<b>o</b>		74	34.4	9301	70.1	21.2		15.	1961
2	•	5	# · 7	2002	5.6	3 € 0	1000	70.2	1.	5.9		96
4	.7.		5 • 3	29.7	26	23.	9961	•	21.0	S	14.4	9
5	.7.	25.2	σ) •	20.3	10	36.1	1983	60.69	21.1	61	16.1	36
9	٠,٠	0.42	M + 17 ,	20.1		37.9	1954	9.69	50.0	62	16.7	1950
7	.3	24.0	3. 3	2.01	40	36.1	1993	65.1	2 . 6	5.7	•	
000	ċ	3.00	3.6		1:6			₩• 8 9	2002	54	12.2	1965
6	3	2000	7.3.7		o	3 5	1978	4.4	1 .7	р. Г	13.9	
10	•	74.5	.3.6	28.7	36	u)	1083	66.3	19.3	ur i	12.8	1963
=		67 67	· 3	20.9	00	37.2	1963	67.5	10.7	56	13.3	1976
12	•	2000	.3.6	28.7	70	34.4	1083	67.4	19.7	57	13.5	1976
12	•	~	α) (4	28.2	. j.6	32.2	10638	67.1	15.5	3 12	14.4	1962
14	3		•		93		7001	9.99	19.2	i.	10.0	1901
15	,	23.0	6.0	28.2	, .	33.3	1956	5.99	15.4	÷	h • 6	1964
91	• 3		•		. 6	230	1956	67.5	19.4	77	12.2	1951
17	7.		•	27.	76	34.4	1 959	67.6	19.8	5.2	1101	1963
18	ن د د	23.0	2.3	27.	- 6	35.0⊓	1058	67.3	19.6	95	13.3	1965
19	71 6	3.85	6.7	22.3	5.5	33.	1278	6.99	10.4	3	12.2	1881
20	7 • 7.	•	•		0 ]	32.0	1965	p e 9 q	16.1	5.2	11.1	α
21	10 m	23.5	2.7		6.5	~.	<b>3</b>	• <u> </u>	•	£ 3	11.7	1962
22	7.	23.	1 • 1	27.3		23.3		65.7	13.7	2.2	11.1	ري ن.
23	3 • T.		Ĺ	4.35	٥٠	32.5	۲	•	17.6		•	اعدا
24	•	21.4	•	9	9.1	32.		61.9	16.6		•	w
25	٠	21.4	5	25.0		31.1	1561	62.6	17.	C' W,	1. 0	1950
26	1.	21.0	C . 36	36.6	c 83	31.7	1956	63.	17.2		4.6	1974
27	1.	21.7	7. • 1	25.2	ر 6	32.2	1966	63.0	17.7	6.5	11.1	1963
28	• 1	22.1	•	26.2		31.1		•	17.9		<b>3</b> • 6	9
53	•	21.4	77.6	25.3	87	30.6	1973	63.5	17.5	() ()	10.0	w
30		1.1	7 • 1	2 c • 6	63	310"	1956	61.0€	15.6	3 71	7.9	2961
31			- 1			١	ł		-	-	- 1	
Monthly	•	23.0	2 • 4	2 ≎ •	100	3.7.	1954	9.99	19.2	7.4	7.8	126.
								:				

1 . TH STATION

AND THE PARTY OF T

# DAILY AVERAGE/EXTREME TEMPERATURES

STATION NAME YEARS

MONTH

MEAN TEMP	ធា	dl.			MAXIMUM TEMP	۵				MINIMUM TEMP	4	
AVERAGE	-		AVERAGE	GE	EXTREME	۸E		AVERAGE		EXTREME		
, F , C , F		٦,		ာ္ဇ	э <sub></sub> Е	ပ	DATE	٠ ا	၁ွ	J°,	1	DATE
2 · 1 · 2	1.2	-		25.	er u.	31.1	1 266	61.9	1.06	6.6	7.2	1074
	æ € €	; 	7.6	20.3	5.7	30.5	10773	61.2	10.2	7 17	6.7	1946
7.	-	,	4	24.	3 8	31.1	1:83	65.5	1003	4.1	5 • 7	1974
		•	9 0	24.3	9.1	32.	h io I	58.9	14.9	3.9	3.9	1974
7.0		;		25.1	36	7.07	1054	58.9	14.9	16	2.2	1974
L- 10. C 10 7		r	7.1	25.1	76	34.4	1054	1001	1:01	37	2.8	1965
5	7	4	3	24.2	96	3.00	1651	90.4	15.2	11 11	6.7	1980
7-4	7-4	7.		23.	13	3 . 6	1062	3.6 9.6	14.7	r) ar	4.4	1978
19.8	9.	3.5	জ •	21.3	.T 00	2 0	1982	9.65	15.3	. 17	4 . 4	1978
45 3.81 3.24	3.	1	เก •	27.	ø 8	31.1	1059	57.3	14.1	52	3.9	1978
13.5	72 31	7.	r.	23.4	ъC	5:00	1954	56.7	13.5	17 17	3.3	1964
£ <b>1</b> 2•€1	8.7 7.5		3		3	29.4	1954~	55 et	13.2	4.2	5 • 6	
18.4	74		6	23.9	9:	3ۥ0	1 583 ₪	55.6	13.1	77	6.7	361
34 8.81	75		=	23.0	t u	. F.2	1975	56.5	13.7	4.1	2 • G	1980
.7 18.2	:		~	23.2	15 X	70.4	1970	55.7	13.2	បត	<b>5 • 5</b>	1979
5.3 18.5 74.	74	74	۲,	23.7	A C	29.4	1953	55.2	12	il.	M .	1970
£/ 18°. h•	; 3	13	• 1	22.3	85	200€	1972	55.7	13.2	4.5	3.9	1982
2.5	25	25	Æ.	22.7	8.1	27.2	1947	54.5	12.5	3.6	2.2	1977
. ]	7 - 7	2.2	• 6	22.6	83	29.3	19692	54.5	12.5	50 S	3.3	1978
16.3	₽•3	Ú4	5	21.4		29.4	~	52.3	11.3		9.	1974
10	• 1	7.3	₹.	21.4	38	m • 6 ?	1979	51.2	•	٤٤	•	1974
. 2	. 2	^ ; 	30	22.5	8.2	27.9	1981 ::	•	11.6	62	-1.7	1974
17	·	2.	5.	2.	8.2	27.8	1966	₩.	12.1	3.2	3	1974
27 27.2		22	<b>P</b>	22.4	2.1	7.2	1966	53°E	12.0	<u>ن</u> 4	2.5	1962
100 1604 7		7	• 2	-	7.0	25.1	1975	6.2.1	11.6	75	1.7	1964.
6, 8.51	ক	6 +	• 6	50 € 0	83	23.3	1981	51.4	10.8	3.5	1.7	1965
r. 15.9 69		69	.0	21.	83	26.3	1954	51.4	18	3.6	-3.3	1962
24	24	<i>31.</i>	30	21.4	1 : 1	26.1	19743	51.6	1.59	* C	-2.2	7961
0.0 15.7	!	33      	F. 5	20.7	87	26.7	1974	51.3	1.07	7.1	9	1076
T .7 15.4 69		1,	ن <b>٠</b> کا	20.7	84	28.9	1951	50.1	1 • 1	3.2	•	10:5
1.3 16.2	• 2	Ĺ	7.1.07	21.0	84	5:08	1961	51.4		12	•	1963
k.5 18.1	•1	٢٠	٠٠ ١٠	23.1	ت 6	35.0	1	55.5	1 • 1	26	-3.3	1962

# DAILY AVERAGE/EXTREME TEMPERATURES

E di Calanta	MONTH
1.45-10.3	YEARS
LA TALLA DOLLAR SAL	STATION NAME
	STATION

		DATE	1954		1954		19:5	1962	1962	1976	_			1973	1963	1976	1953	1974	1961		1951		1951	1989	3					C	c٠	1964:	- };	0101
٩	16	၁ွင	2 • 5	1.1	O•	-1.7	9•	•	-1.7	•	6-2-	1.1	9	-2.2	-2.5	-2.5	•	• 1	-3.9	-1.7	-2.5	-3.9	8-2-	=2•€	-3.3	. •	€ ¥3	-7.8	-2.8	•	_5•ຕ	-3.9	- 1	8
MINIMUM TEMP	EXTREME	ر <del>ا</del>	3.6		.2	56			ر. و		5.2	34	3.1	3.5	27		23	36	56	62	2.5		2.7	2.2			33		16	23		52		2
M		၁ွ	11.3	11.7	11.2	4.6	6.7	7 . 8	8.9	7 • 1	7.5	3.5	•	7.7	7.5	7.4	7.1	7 . 4	7.8	•	7.0	3 • 9	5 • 0	5 • 5	5.3	•	5.3	4 • 1	5.2	7 • 4	5.7	2.0	- 1	7.3
	AVERAGE				5.2.0.1	( )	47.7	J • 97	44.2	() • 13 th	S - 53	.9.1		•	45.5	45.4	ं <del>।</del> च	45.3	U • 9 n	44.5	44.5	. 4 . 3	42.6	41.9	41.5	43.5		39 • 3	43.2	45.4	42.3	3 4		45.2
		DATE	1051	1974	101	1932	1977	1975	1975	1946	1977"	1950	1966	1949	1961	1958#	95	1955	1974	1956	195	1949	1053	1.6401		1983	10701	_	1973	1073	1018	107	- 1	1974
<u>a</u>	ΛE	၁	<u></u>	31.7	٠. ٠	g * L Z	26.7	26.7	26.1	26.1	1.6.7	2.1.2	50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	24.7	27.0	25.6		20.9		27. P	5 4 4	25.	25.6	25.6	26.1	26.7	25.6	25.6	26.07	25.6	26.1	23.0		21.
MAXIMUM TEMP	EXTREME	'n.	93	: 60	93	5.2	ยอ	C O	1.6	64	aT.		33	ic.	29	70	a.	3 00	7	3.2	28	77	•	7	19	6.0	7	156	٤.	7	7:	7.5		c 80
MA	يوا	ာင္	22.4	22.4	22.04	20.3	10.1	10.1	10.4	18.7	10.3	19.3	18.5	10.04	10.4	U • E	15.9	10.7	19.5	3.0.	18.	17.4	17.6	17.6	16.7	17.6	C • 3 T	15.1	1001	18.1	16.	17.		13.6
	AVERAGE	u.	•		72.4	€1 • Q. 4	66.3	7.6.4	6.63	5.6	56.8	46.8	3 5 7	(5.5)	105	W • 3) ::	6.1	6.7.4	6.7.1	3 . 3 .	F 5 • 57	E .	9•8	3.7	## ## C	.3.7	605	6.07	2.1			57.1		3
-		<u>့</u>	16.0	17.1	16.4	0 · 17 [	) • <u>F</u>	7 . 7	13.1	0.00	13.4	3 . 27	13.3	13.1	1200	~4	13.0	W .	13.0	12.0.7	12.3	12.1	11.7	11.6	11.1	12.0	10.7	100	12.01	12.7	<u>ن</u>	ଞ୍ଚ	1	17.0
MEAN TENIP	AVERAGE	u.		2.4	7.7	•	•	<b>ज</b> ।	5.5	( ! • •)	•	.7.	•	5.0	2.0	P**	3	•		. 7	رب درم	•	1.	•	•	3.5	70.5	•	•	• <del>1</del>	•	.,		• d <sup>2</sup>
-		DAY	-	2	٣	4	5	9	7	æ	6	10	1-	12	13	14	15	16	17	18	19	20	21	22	23	24	25	56	27	28	29	30	31	Monthly

# DAILY AVERAGE/EXTREME TEMPERATURES

1/45-1083

D: CE'85-

MONTH

YEARS

STATION NAME

STATION

-	00000	O. C.		AM	MAXIMUM TEMP	d	-		M	MINIMUM TEMP	ΛP	
	AVERAGE	a C	AVERAGE		EXTREME	AE.		AVERAGE		EXTREME		
			u	٥	u.	ပ	DATE	o TT	၁့	9 F	၁ွ	DATE
<del> </del>		.,	5 7 3	-	C.	2:07	1942	36.6	2 • 5	£ [	-7.8	1964
	•				74	23.7	1070	36.3	7.6		-1.0	1964
2	•			2			-		4	16.1 6.1	-3.9	1546
m .	•	•	•	16.0			(	•	5.2	2.7	Q • 2 =	1963
4	-			• •	7.7	1,0		1 7	5.	22	9.5-	1963
2	•	•	0 C	•				7	3 • 1	36	7 - 7	1954
9	-					1	1951	39.4	4.1	21	-6.1	1963
~	• 7			1 2 3 6	-	1	1950:	. 3	4.7	C.	-6.7	1954
00	•	•					1966	8. S	7.	25	9.5-	1964
6	•			14.4			1.66	38.0	5.0	23	-5 • :	1974
일 :	-].		3	,	2	22.			<b>€.</b>		9-5-	1977
=	2			14.1	7	G C		5 0.2	4.2	16	6.6-	1957
12	2	•	-		7	26.1	1950	C.	6.0	1.4	-10.0	1962
13	1.			•  •	75	. } ~ :	10713	37.2	2.9	17	-3.2	1 76
4	- 4	- 1	- 1	7 2	76	3	1.71	-	5.9	ن ا	7.6-	1.62
5	- 1		• 12		7	1.	101	1	2.9	13	-7.2	3561
ا ۾	•		3		~	10	1056	34.6	1 • 4	16	6.8-	1903
2 5	13		1 2	0.0	7 (:	2.3.	167	34.4	1.3	14	-1.	1963
2 5			-	K	ŧ .		1:67	34.0	1. • 4	17	60 0	1963
61			3		7.1	-11	1957	27.2	2.0	1.5	-7.2	1975 a
2 2	1		3		2	10.	1.67	36.2	Z•3	14	-10.0	1963
5 8	•						10579		2.1	: <b>1</b>	-7.5	1976
3 8	•			7 7	2.6	:25	1001	.5.	2.1			1960
3 8	) <del>-</del> -	1.6	1	K = 2 T	76	n n .	1079	ee	,,,	7.	•	1253
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**EXTREME VALUES** 

FROM DAILY OBSERVATIONS)

STATION

STATION NAME

YEARS

ARLE JOHER OFFICE BY

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o s													
TOTAL OBS.													

**EXTREME VALUES** 

MALTHUM TEMPERATION (FROM DAILY OBSERVATIONS)

STATION NAME

STATION

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YEARS

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**EXTREME VALUES** 

化建筑工作的过程或过程 医二种环境 (FROM DAILY OBSERVATIONS)

> STATION NAME

STATION

YEARS

ANTIC DECREES FAHATIMENT

MONTH	JAN.	FEB.	MAR	APR	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	
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	i												
MEAN													
S.D.										1			
TOTAL OBS.													

**EXTREME VALUES** 

RODING APPROXICATION (FROM DAILY OBSERVATIONS)

> STATION NAME STATION

YEARS

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SEP.	u.	L.	P" ;	: 7	: 1:	<b>.</b>	.9	<b>7</b> 33	-	i.,			57		r~ u.	6.3	ur tra	3	47	6.7	<b>h</b> '.	Š		£ 1	6.1	4.7		: E:					
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**EXTREME VALUES** 

MINIMUM TOMPERSTIFF

STATION STATION NAME

YEARS

LIGHT SCHILD SUPERSED BY HE

WEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.		NOV.	DEC.	ALL
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-		3 (3)	2.2	34	4.5	√. U	6.7	·£	<b>3</b>	7.7	ی د	1.5	{ <b>-</b> -4
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**EXTREME VALUES** 

MINTHIM TEMPERATUR

FROM DAILY O

ALAND OF LESS FINDS HILL MONTHS X

STATION NAME

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STATION

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DEC.	3.6									] ]. ]	<u>.</u>					
NOV.	<b>8</b> 6	: (														
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VEAR	-			r)	2			J						MEAN	S.D.	TOTAL OBS.

	Point										• .											
HOURS (L S T )	Dry Bulb Wet Bulb Dew Point				-						ت ر		- · · · ·						Total			
TOTAL	Wer Bu					ļ			. • •								 			+	-	_
	Dry Bulb	•			F F	٠. د	ΣF			,	r.							ıı	293			
	D.B./W.8.		* .		. ,.	7		-							-			Mean No. of Hours with Temperature	≥ 80 F		ļ	
	131																	ours wit	273 F			_
	29 - 30																	o o	-	-	-	_
	27 - 28 29 -																	Mean	≥ 67 F			
	- 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27																		≤ 32 F			_
	23 - 24																		<b>V</b> 1		-	_
	21 - 22																		10 F			l
ON (F)	9 . 20																		1	+		_
WET BULB TEMPERATURE DEPRESSION (F)	7 . 18	•																No. Obs.				l
ATURE	5 - 16					•												-	-	-	-	-
3 TEMPE	13 - 14	٠.					-											×				
VET BULE	1 - 12		•	•	4		4	•										×				
	9 . 10					•						r.						H		$\dashv$		-
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	3.4				•	•	•				•				• •							
	1.2																	2×2				
	0				·		1.		-					-				1				
Temp	(g)																	Efement (X)	Rel. Hum.	Dry Bulb	Wet Bulb	

TOTAL TOTAL Dry Bulb Wet Bulb Dew Point • • . 3 3 HOURS (LST.) Total MONTH : : ≥93 F Mean No. of Hours with Temperature ≥ 80 F £ 3 ≥73 F 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 ≥ 67 F YEARS ≤ 32 F 4 0 ₽ WET BULB TEMPERATURE DEPRESSION (F) No. Obs. , .T STATION NAME 3.4 5.6 ××2 0 Element (X) Rel. Hum. Wet Bulb Dew Point 1 Dry Bulb Temp.

NAVWEASERVCOM

MANON		HOURS (L.S.T.)	-	Ury Build Wet Build Dew Foin		(	= 1 -		23 25 <b>X</b> 15	4 1	,	7 / (	-				1						293 F Total		
			TOTAL	A: Day			-				-	-		-					-			Mean No. of Hours with Temperature	≥80 F	-	
		}		1		-	-			-	-	-	-	-		1			+		-	with Ter	+ }		_
			- I	05.	-	-	+			-	-		-		+-	-			-			of Hour	≥73 F		_
				78 79 - 30	-	1	+			-			-		-	}						Mean No.	₹ 29 €		
24.47				20 - 20 7/		-																	± 32 F	+	_
				2 - 24 2						-					-			-	-				= 3.	-	
																							±0 ₽		
			WEI BULB TEMPERATURE DEPRESSION (F)	20		•	•															اة		1	_
			CE DEPRES	-	•	•	•	•	•	•		-	-				-	-	-	-		No. Obs.			
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1014740	200		Temp.					•														Element (X)	Ref. Hum.	Dry Bulb	Wes Built

H.	L.S.T.)		Dew Poin	.a		c												Total	•	
NOM N	MOURS (LST.)	TOTAL	Wet Bulb Dew Poin	• 4			61 ·											_	-	
1	f		Dry Bulb	<b>P</b> -3								 			 	 	ē	≥ 93 F		
		TOTAL	D.B./W.B.	***			, ,					 					Temperatu	≥80 F	•	
			-31 D														ours with	≥73 F	-	-
			. 28 29 . 30														Mean No. of Hours with Temperature	-	•	+
YEARS			25 - 26 27 - 2				-	-		_							Wea	₹ 67 F	•	
						 		-	ļ		ļ				 			≥ 32 F		
			- 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24															± 0 F		•
1		ION (F)	19 - 20 2															1.	<del> </del>	
		WET BULB TEMPERATURE DEPRESSION (F)	5 17 - 18														No. Obs.			
		MPERATUR	14 15 - 10			<b>.</b>		-					-				$\sigma_{x}$	•		+
		T BULB TE	- 12 13 -			•	<del> </del>		-								-			
		¥	11 01 - 6														×	۲۰	-	•
STATION NAME			7 - 8 9	<del></del> -													z×			-
:			5.6																	-
			2 3.4		 													\$ 7		•
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1			0											-			(X)	·wr	di.	db int
STATION		Teme	(F)														Element (X)	Rel. Hum.	Dry Bulb	Wet Bulb Dew Point

YAABS BORTA	NOH	TOTAL	28 29 . 30 . 31 C	(-	_						~ (						Mean No. of Hours with Temperature	±32 F ≥67 F ≥73 F ≥80 F ≥93 F Total	
		WET BULB TEMPERATURE DEPRESSION (F)	11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 -		2	•					•						σx No. Obs.	10 F	
STATION NAME		WET BULB TE	5-6 7-8 9-10 11-12 13-					•	•						•		×××		_
STATION		Ten.	(F) 0 1.2 3.4	•			:	•	•	•		•					Element (X)	Ref. Hum.	

	!											Ì								HON	HOURS (L S T )
Temp.		. }					WET BU	LB TEMP	ERATURE	WET BULB TEMPERATURE DEPRESSION (F)	SION (F)						1	TOTAL		TOTAL	
(F)	0	2 3	.4.5	ø	7.8	0 0	11 - 12	13 . 14	15 . 16	. 10 11 . 12 13 . 14 15 - 16 17 . 18 19 . 20 21 . 22 23 . 24 25 . 26 27 . 28 29 . 30	19 - 20	21 - 22	23 24	25 - 26	27 · 28	29 . 30	:31	D.B./W.B	D.B./W.B. Dry Bulb Wet Bulb Dew Point	Wet Bu	b Dew Po
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Element (X)	1	×	+	1	×	+	\ \	<u>*</u>	+	70. Op.			+		The state of the s		1 1 1	i de la la la la la la la la la la la la la			
Ref. Hum.			+		-	+	•	•	-			101	+	232 F	= 67 F	+	1873	4 087		•	-3
Wet Bulb			-,	1		+			+	•			-	•						-	,
Dew Point							•		-					•						H	2

10   1   2   3   4   5   6   7   8   9   10   11   12   13   13   13   13   13   13				•		!											,	- L S T SEROCH	1 5 7
0 11.2 3.4 \$ 0.4 \$ 0.10   1.13   13.14   13.16   17.18   19.20   21.23   23.15   23.15   23.15   20.10   23.14   23.15	Temp					>	VET BULB	TEMPERA	TURE DE	PRESSION	E					TOTAL		TOTAL	
24	(£)	-	2 3.	5	80	9 - 10	1 - 12 1	3 - 14 15	71 91 - 5	. 18 19 .	20 21 -	22 23 - ;	1 1	2	8			Wet Bulb	Dew Point
XX X X X X X X X X X X X X X X X X X X													•						
2x											7								
2x							-	•	-			-				• <u> </u>			
X			-			1	+	+	-	- 4			•						
∑ <sub>X</sub>				•		•	•									. · · ·	· .		
2x	j.		-	•	1		• •			<del> </del>   1.		1 -1	-	•					
XX X X X No. Ob. 1016			•	_	1		•	•		,		-							
2½					•	•										•		<b></b> .	Si
		,	+		7.			•		3	1				-			5	
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Wet Bulb											+		- +				_	-		

	WET BULB TEMPERATURE DEPRESSION (F)	9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27				9		4 4	 							X σ <sub>x</sub> No. Obs.	± 0 F = 32 F	
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# MEANS AND STANDARD DEVIATIONS

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# MEANS AND STANDARD DEVIATIONS

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# **MEANS AND STANDARD DEVIATIONS**

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HRS.(L.S.T.)	JAN	FEB.	WAR .	APR.	¥.		غ  <sub>د</sub>	<u>ا</u> لا	믮	ŏI∼	စ္ခါ္ပ		٦۱₊
MEAN S D	•	3 (		; ; =	3 C	) d	• 9	• 4	5 C • M O G	. d . d • 0	• M		• 0
TOTAL OBS	•	, (** •	ີ່ 3 7 ••• 3 ອາ •	) 4		r •		. i .3	•	31		: (: ) 	, <del>,</del>
			1 1										Ì
MEAN	n • ;	6.9	-	47.5	L F	÷	G.	69.2	#	~	0 • 3 3	20° 50°	٠.
S. D.	01000	13.00512	M)	1.1	u:	960.9	540 * 1	55	6511	.253	.671	<b>6</b> 9 4	₹ 3 •
TOTAL OBS	N.		.,	~	3.1	<u>0</u>	3.1	35.5	٠	310	300	300	
												1	}
MEAN	•	F		C	(), (,)	56.3	.•	€	\$		2	ټ	51.
S.	31.0	14.171	1- 1-3	P 1	.21	~	2.9.4	4.425	6.721	Ġ	12.537	5-1-41	79
TOTAL OBS		2 2		£.	310	300	31	310	: [	313	۲.	. !	in the second
MEAN	•	311.5	U . 77	U 0 0		F (5. 4	70.7	71.4		• #	30 47	38.	5.00 C
s. D.	20	14.4.2	12.2.2	C.	3			たまなのな	O	10.235	12.77	• •	P'}
TOTAL OBS			, h	₹,	310	6.4	510	310	SUN.	31	<b>9</b> 42	M	be :
				1									
MEAN			44 6.5	F 0 4		6	•	ς.		54.5	47.6	28.2	<b>~</b> ;
S. D.	5=2-61	14.5461	7	100 m	0.47	C	$\mathbf{a}$	2000	0	C	1270	~	17.152
TOTAL OBS	10.0	•	*	:	<b>~</b> ?			010	177		M	C)	365
										}			
MEAN	•	( ) ( )	() ()	G)	000	L)	. •	(		54.5		1002	
s. O.	1 .200	15.7461	3.259	\$ 1 \$ 1	•	0.7	3	4.727		2.	€.	-	
TOTAL OBS			110	~	LI K	005	310	 ## f:1	*		្រាប	4.1	
											]		
MEAN	÷	×. M	5	C. 0 T	ল ত	-4 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0	C	٠.	-			39.1	
S. D.	4 % 4 %	14. 60	1. 27	•	C	4		14	• 17	₩S.	12.1	13.0	÷
TOTAL OBS	p	ĉ: r	7.7		×1.0	7.0	310	200	P= 7	710		<b>M</b>	
			1				, }.		,	,			
MEAN	ed N)	(: <b>~</b> )		ب ن ع			~	7	e G	٠.	6 . 3	20 20	
s. O	1 : . : . 7	14.14		1 . 76"	2	0.366	4.955	4 . 55	6 0 7	11 to 10 to	12.3	ි ර ර	-
TOTAL OBS	21.	£0	3.1		31	ξ.			3.10	~~	200	3,	365
						- 1		ĺ			-		
MEAN	:	10 4 57	۲.	€. •	<u>ئ</u> .	C	Q.	•	u ·	53.7	E	ar Ari	
s. D.		i.	# to 5	11.541	.778	S)	• 2	E	<b>3</b> 5 <b>4</b>	-			17.110
			010	;	t	;	2		100	•	•	•	·

#### RELATIVE HUMIDITY

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STATION NAME

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONIH	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIVE	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	EATER THAN			MEAN	TOTAL
	(L.S.T.)	10%	20%	30%	*0*	%05	%09	70%	80%	%06	HUMIDITY	OBS.
7. 2.7	•	€ € €	1.0.0	7.60	0.50	3 <b>6</b>	79.0	и 9	43.9	10.0	75.E	310
	•	10.0	₽ - J <b>- T</b>	29.7	07.7	٠ ٠ ٠	0°2%	69.4	# 6 #	22.6	76.7	310
		100.0	10.1 10.1	100 0	ಿ8•1	0 F3 O	83.9	69.1	හ ද් භ	7.72	77.7	311
	:	<b>៤</b> . ប្រ ប្រ	100.0	- d	01.0	75.6	64.6	47.6	4 S S	17.9	57.7	112
	- 1	€ 0 10 11	φ  	90.1	73.2	56.7	2.44	31.9	19.7	9	58.1	11 27
	\ *****	€) € 5.	7.60	۲. و ه	69.7	56. a	2 <b>.</b> tra	32.5	20.3	7.1	57.B	<b>W</b>
	<b>C</b>	<b>D</b> • €	1.5.	98.4	61.3	32.0 A	68.7	رب د: د:	30.6	13.9	69.2	310
	Ç.	100.0	1.5.0	39.4	25.8	g • y ;	77.4	62.3	ស • • •	18.1	72.9	01 %
-												
TOTALS	ALS	υ 	0	97.0	1.69	70.0	69.1	53.5	35.1	15.7	4.69	2442

#### NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

CHELON POINT, NO	STATION NAME
3 3 4 4 4 4	STATION

PERIOD

13-67

MONTH 143 4.7 17

	HOURS			PERCENTA	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	Y OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN	TOTAL
MONTH	(1.5.1.)	10%	20%	30%	40%	20%	%09	70%	80%	%06	HUMIDITY	088.
ر د د	1.	() () () ()	190.0	€ 600 1	27.0	35.5	() () () ()	66.3	M .7	12.1	75.2	73
		100.0	() ()	100°0	89	34.7	87.8	10.6	46.8	14.5	76.7	2 4 2
		100.0	0 2, 1	1000	1.00.0	. 66 6 1	9. AA	73.4	40.3	14.0	77.9	63
	( , 	C	186.0	61 61 61 61	9.7%	73.4	ម	32.6	22.	7.1	£ 3 o tt	202
		100.0	9.6.	89.7	ti ⊕ £ .	54.	H. Di Mi	24.1	14.5	3	55.5	202
	) (	L.	7.3	90.1	72.7	57.4	80 80 80	25.9	16.3	Pri Dr	55 · 6	252
	- 1	¢	100.0	မှ မ င	91.8	62.3	66.7	41.5	25.2	٦• ۵	66.5	Ca nr Ea
,	<b>c.</b>		1:0.0	130.0	6.1	89.7	70.4	56.7	រភ ស ស	12.4	72.3	2%2
	_											
101	TOTALS	ξ; ()	c • o	37.1	ာ <b>စ</b>	≤3•1	K6.2	6 <b>€</b> 8	31.6	1. •2	67.0	2256

#### RELATIVE HUMIDITY

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	HOURS			PERCENTA	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	Y OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN	TOTAL
MONIH	(L.S.T.)	10%	20%	30%	40%	20%	%09	70%	%08	%06	HUMIDITY	OBS.
•:	<b>,</b>	1500	176.3	103.0	.8.7	. • Se	37 (% (%)	77.4	(%) • (%) • (%)	17.1	79	(1) p4 <b>h</b> 3
	:	10.0	1000	190.3	<b>⊅</b> • <b>6</b> ::	0 % K	70 (0)	79.4	E	2. 2	70.9	310
		100°0	100.n	100.	7.6.7	0 • 0 6	00 00	79.	6.5.7	25.7	ω : «	310
		£.0€	150.0	7.7	57.7	73.5	57.3	40.5	27.2	1.04	54.8	6: M
	F #4	r. 0.00 €	បិ <b>.</b> 6%	<b>7.</b> 8.3	3.5 2.5	58.7	41.3	25.2	17.7	S. 2	56.6	310
		10.00	?• %	38.1	75.1	51.6	C - 77	31.	20.0	2.5	ري وي يون	315
	.,	€  	.9.7	96.5	51.0	ن در	68.7	7.87	29.7	8.7	\$ • 5. € • 5.	3.1
	ř.,	1	1-6.0	09.4	77.1	93.5	/o.1	71.0	46.1	α. • u	76.5	310
									·			
TOI	TOTALS	١٠ ٪ ٪ ،	9.7	5.96	<b>₽</b> 000	2.3	7 • 5	56.5	2002	14.3	75.5	2479

RELATIVE HUMIDITY

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MONTH (). Q.

T. V.	HOURS		•	PERCENTA	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	Y OF RELATIVE	HUMIDITY GR	EATER THAN		ļ	MEAN	TOTAL
WOW I	(L.S.T.)	%O1	20%	30%	*0*	%05	%09	70%	80%	%06	HUMIDITY	088.
Ġ.	-	£ .	1 - L - D	0.00.7	c7.?	€. €. €.	25°5	70.7	43.7	8.6	75.7	U M
	-	10.	C • 1	₽: ©: O:	es .	34.	28°3	75.7	13 13 13	C)	75.1	300
	•	10.01	137.03	:9.3	F1 60	₩. •0	* # O:	79.3	53.3	16.7	77.3	D D
	-	10 L	#: 6	C ■ •>	75.7	6 G	5.0	35.5	15.3	7.7	92°6	تا *
		<b>2</b> • 3 3 4	7.3	F . 2 a	59.7	(; (; ()	21.	12.3	7.7	<u>د</u>	ပ ဗပ အ	370
	÷.	0 0	ر) • • •	C	67.3	្រ ភ នា	26.0	16.3	4.07	₽°. •	9.54	<u>ن</u> ۳
	-	C:	55	95.7	ຂ້	76.	5. 5.	3€ •€	ග න	r M	62.5	3 .c
	( ·	1.00	0.7	98.7	76.7	92.7	£ # # 3	1.99	35.3	5.07	73.4	Duž
TO.	TOTALS	( ( ( (	6.2	8 <b>a</b> c	0 မာ (	74.3	#*i ∴ ∵	( ຍາ ສ	20.4	7.5	55.1	ជិបមជិ

RELATIVE HUMIDITY

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33	STATION

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STATION NAME

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	HOURS			PERCENTA	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	Y OF RELATIVE	HUMIDITY GRI	EATER THAN			MEAN	TOTAL
MONTH	(L.S.T.)	10%	20%	30%	40%	%05	%09	20%	%08	%06	HUMIDITY	OBS.
43.	-		1.0.0	130.0	1.00	7.83	96.8	91.3	73.5	10.4	0 £0.	310
		C .	3-0-1	100°	170.6	7.65	07.1	91.6	77.4	27.5	0 tc	E .
	!	167°G	100.0	100.	79.7	t •66	95.3	87.1	63.7	17.7	82.7	310
	; 	C	170.0	7. go	63.5	77.1	56.5	30°6	14.2	5.9	62.0	31:
	,	190.0	L•6:	95.1	3 ° 7 ° 4	62°F	37.9	19.4	a) 6)	1.6	56.6	3-5
	1; <b>4</b>	130.9	ان ن ن	36.46	€ <b>M</b> €.	ර ද ව ල	47.1	26.8	11.6	2.3	58.9	316
		£	100.0	<b>υ • 6</b> ά	∴6•1	300	72.5	53.9	21.9	2.5	89.3	310
	• •	100.0	100.0	100-3	1:0.0	57.7	φ• #6	84.2	57.7	17.0	(A )	១
									. —			
Ō	TOTALS		6) 6	n• e 5	<b>ន</b> • គ ្	6.7	74.9	63.6	41.7	3 °C €	72.4	2475

RELATIVE HUMIDITY

CR. FEREOR POTTE	STATION NAME
# 3 C E	STATION

JULY.

3-21

	HOURS			PERCENTA	GE FREQUENC	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	HUMIDITY GR	EATER THAN			MEAN	TOTAL
MONIH	(L.S.T.)	%01	20%	30%	40%	20%	%09	20%	80%	%06	HUMIDITY	088.
	i.	E	176.0	10F.3	1.70•0	6. 6.	78.7	95.	75.3	1.0.7	84.7	(3)
	,	3000	176.2	100.c	1:0.0	138.0	79.3	36.3	% • Z o	21.7	86.1	è,
		0 0 0 0 0 0	1,000	100.3	100.5	20.00	≎ 86	38.7	F. t. e. M	17.7	92°E	3 3 3
	1	<b>L</b>	1 70, • 0	190.1	ะก ชม -	7 aug	62.0	31.0	12.7	1.3	6 th e.fr	D M
		£ .	1 .C • G	F) • C (3)	52.7	72.0	47.7	20.7	10.0	£ • 3	60.0	3.0
		© (	1	99.3	12.3	77.7	30 ° 0	28.92	13.0	1.0	61.1	3.2
		<b>.</b>	63 17 14	190.0	. 6.	€1 €1 €1 €5	ः • <b>१</b> ह	ं <b>.</b> ए.	24.7	£,	71.9	37.0
	( ,	100°	100.0	100.0	100.0	49.3	7.10	59.7	67.03	r.c	3 • E	3.0
									}			
10	TOTALS		1 / ( - 3	6° <b>6</b> 6	د7. ع	1.7	79.44	67.3	7 6.2 9	6.0	74.	2.46

RELATIVE HUMIDITY

Carone sotat, a STATION

STATION NAME

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J. J.L. MONTH

	HOURS			PERCENT	GE FREQUENC	Y OF RELATIVE	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	EATER THAN			MEAN	TOTAL
MONTH	(L.S.T.)	10%	20%	30%	40%	50%	%09	70%	%08	%06	HUMIDITY	08S.
	Č	135	1 C C	100.	100.0	100.	1 PO 2	, , ,	" ••	( (u	9.33	, e-1 f*)
		0.00	158.0	150.4	1.72.0	100.7	# 6 D	7.7.	5.6.5	29.4	57.1	•
	r		1.7.9	130.0	1000	10.00	7. 6°	.μ. • π. •	73.5	17.4	€ स र	312
		; ·	 	100.	0.60		75.02	) • J;	10.0	1.6	67.2	310
	# c	C '		100°	ម. ភោ ភ	. 18	7.2.6	~1 «	3	0	61.2	9 9 0
	- •	. e.	[ ,	ख 0 ं	5.5	56.	63.9	27.5	11.6	2.6	9.59	310
		£	170.0	106.0	4.6	47.4	3 ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° °	6 2 . 1	27.1	ن ن	74.1	63
	₹	0 0 1 1	175.5	105.0	1.000	د <b>د د</b>	7000	U: ⊕ ⊕3 -35	7 . e.f.	11.	6-14 6-7-6-1	<b>F</b>
							 				· <b>-</b> —	
101	TOTALS	, ,	n. C.	6.666	4) 0) 0	45.01	V • 4 3	66.1	1 5 • 2	11.3	75.6	2.72

6.4 T 1.5

STATION NAME

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MONTH 400

	HOURS			PERCENT.	AGE FREQUENC	Y OF RELATIVE	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	EATER THAN			MEAN	TOTAL
MONTH	(L.S.T.)	%01	20%	30%	40%	%0\$	%09	70%	80%	%06	HUMIDITY	OBS.
		100.	105.0	300.0	150.5	105.0	133.0	٠	### ### ### ###	ئ <del>•</del> ن ع ن •	60 60 60	F. 1
		130.0	196°B	100.	1 r0 • c	1000	100.0	6	6.25	7. 0 .1 S. 0 .1	83 • 5 <b>6</b> 0	М
		£:	D .	100.0	1.0.0	D • 000	190.0	## (C)	<b>4</b> 0 <b>4</b> 0 <b>4</b> 0 <b>4</b> 0	47.7	3.98	() m
		C	1:2° c	130.0	11.00	n • 60	η. 1	5.25	16.5	5.0	70.4	
	,	C C C	1.0.0	. 00 £	7.6:	€ 0 60 60 100	56.1	25.0	12.6	5.2	63.9	310
		183.0	0 0	100.0	79.4	32.9	V. V.	3.48	15.5	5.2	67.5	318
	- ·	100.0	100.0	© • 0.0 € 0.0 € 1	0 · 0 · 1	7.9.7	97.4	ж ы ы	2.44	11.0	7.05	() () ()
	٠.	:0: :0:	100.0	160.0	100.2	100.0	100.0	57.4	#1 ට ග	ر: م ه	0 10 0	ř.
10	TOTALS			10 to 10 to	5°6.	67.	3 ·	3.67	ก ส เก	23.5	76.3	7470

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	HOURS			PERCENT	AGE FREQUENC	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	HUMIDITY GR	EATER THAN			MEAN	TOTAL
	(L.S.T.)	10%	20%	30%	40%	°09	°09	20%	%08	%06	HUMIDITY	088
:3		C . 35.	177.3	100°0	100 E		<b>V.</b>	.7.	€: • 3.	32.	:1.:	3.0
	·	€ ( -1	1 7 3 • C	: :: :: ::	170.3	10 E = 0	7.60	37.3	25.7	\$ 9 <b>5</b>	60 00 00	67 20 80
	,	c.	1000	E1 60	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	110.3	\$ <del>6</del> 6 9	9	2.1.5	M1	υ) • • • •	t) M
		· • · · · · · · · · · · · · · · · · · ·	ی د	0 0 0	9.3	97.	2.10	F- 6- 5- 37	7.0.7	5.7	71.	C)
		· · ·	€.; (.)	ر • ن ن ن ۱۱	(	•	₩) 4) ₩)	29.7	12.7	© v	£4 • .	in in
	,	•	170.0	150.0	ar ar	5 5 0 0	66.3	54.7	14.7	C.	56.3	30
			-1 -2			E . 6 %	10 10	51.7	40.7	7.0	ឆា () ()	ញ ស.
	<b>(</b>	  	1:00.0	100.0	1 °C °C	1.0.0	29.	54.7	75.7	71.3	ត្÷ ជាម	<u>د</u> ع د م
	i !		 								- , ,	
	<u> </u>											
101	TOTALS		1.1.0	100.1	. 6.	96.3	E 7 . 1	3 5 £	53.6	10.4	75.06	24.0

## NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

### RELATIVE HUMIDITY

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	HOURS			PERCENT	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	Y OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN	TOTAL
MONTH	(L.S.T.)	10%	20%	30%	40%	20%	%09	70%	80%	%06	HUMIDITY	085.
:	.7	C	0 0 1	100°	0.00	<b>3</b>	7.7.	97.e	73.2	27.7	6.48	5
		: 40.0	100.0	100°	1000	35.4	7.70	93.0	77.4	36.1	6) (1)	310
	,		0.1	0 0 0	170 0	f .	99.1	23.0	7.6.7	33.5	53 99 9	31
	,	£ . € . € .	177.3	100.0	57.7	د ب ن	61.6	1 · 82 / 2	19.4	5.	66.3	<u>~</u>
		€. i i	D	7.8.7	β <sup>1</sup> • • • • •	65.	42.7	19.7	<b>5</b>	2.0	17. 00.	6.7
		 	<u>ن</u> : :	57.7	(4) (5) (2)	,•22	47.7	25.5			R. C.	212
	;	C.	17.00	100.0	19.7	7.6.39	91.3	73.0	7		75.4	3 1 2 2 2 2
,	<b>(</b> .		175.3	100.0	7.0	99.4	96.1	39.	65.2	15.8	32.6	313
		 			l							
					<u> </u>							
		,										
10	TOTALS	•		\$ <b>0</b>	. 6 .	\$ 0 0 m	79.1	E # 3/9	\$ 0 3 h	16.7	4 5 • 3	5 K T C

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STATION NAME

3 STATION

MONTH 5 O X

	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIVE	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	EATER THAN			MEAN	TOTAL
MONTH	(1.5.1.)	10%	20%	30%	40%	20%	%09	70%	%08	%06	HUMIDITY	0.05
	-,		C	0 0 0	₩` • Ø:	j. ♣ }	*. •1 C	۳ <b></b>	P-1	200	1.1	\$1 \$1
		£1)	[]	103.	4.0	96.7	94.3	P)	55.7	25.7	a • t	n
	•	<u>.</u>	် -	100.0	7.6.7	r 55		) 90 68	£	6. 6.	83.7	Ci .
		, , ,	C.	2.60	5.3	۲. ۲.	56.3	44.7	21.7	5.0	2.29	(C)
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PER JO STATION NAME 13 . PSHO( 3 STATION

J. C. MONTH

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100.0   100.0   100.0   19.1   21.5   25.4   74.1   73.5   73.7	MONIA	(L.S.T.)	10%	20%	30%	40%	50%	%09	70%	%08	%06	HUMIDITY	OBS.
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## NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NORTH CAROLINA

#### RELATIVE HUMIDITY

C

74 - 10 TO TAY 147 STATION

STATION NAME

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TIE TO	HOURS			PERCENTA	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN	Y OF RELATIVE	HUMIDITY GR	EATER THAN			MEAN	TOTAL
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PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS.

30-6-670

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PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.

WIND DIRECTION

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NAVWEASERVCOM

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

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PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

WIND DIRECTION

OF STATEMENT OF

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VS. WIND DIRECTION

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VS. WIND DIRECTION

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PART F

### PRESSURE SUMMARY

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- . Station pressure in inches of mercury.
- . Sea-level pressure in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Meteorological Tables.

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